Belt Drives

Martin V-belt pulleys meet the toughest demands of industry, while continuing the Martin tradition of providing the utmost in service and maintaining unsurpassed manufacturing standards.

Totally committed to meeting th individual needs of customers, Martin Sprocket & Gear now serves the V-belt industry with extensive stock inventories, the capacity to meet large quantity requirements of the versatility to respond quickly to made-to-order applications.

Martin

Belt Drives

MADE-TO-ORDER CAPABILITIES

WIRE ROPE IDLER

FLAT BELT PULLEY

DUPLEX — V-BELT PULLEY AND FLAT BELT PULLEY

POLY-V PULLEYS

CROWN FACE PULLEY

IDLER PULLEY

All Martin pulleys and timing pulleys can be manufactured to meet your special requirements: Aluminum, Brass, Ductile, Steel, Stainless Steel. Martin, service and quality drive components you can depend on to get the job done.

Pulley Nomenclature

TAPER BUSHED — N. AMERICA

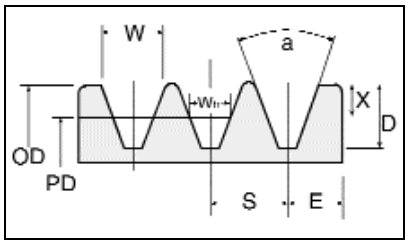
(MPTA) HI-CAP WEDGE (Also Referred To As "Narrow")	(MPTA) CONVENTIONAL (Also Referred To As "Classical")
10 8V 5300 TB	1 B 34 TB
10 — Number of Grooves	1 — Number of Grooves
8V — Belt Cross Section	B — Belt Cross Section
5300 — 53.00" *Outside* Diameter	34 — 3.4" *Pitch* Diameter (B-Belt)
TB — Taper Bushing Required	TB — Taper Bushing Required

TAPER BUSHED — ISO

ISO/BRITISH STANDARDS
10 SPC 800
10 — Number of Grooves
SPC — Belt Cross Section
800 — 800MM *Pitch* Diameter
* — Taper Bushing Required

* - All British Standard Pulleys manufactured by Martin are Taper Bushed. For other requirements consult Martin.

GROOVE DIMENSIONS (ISO Standard)



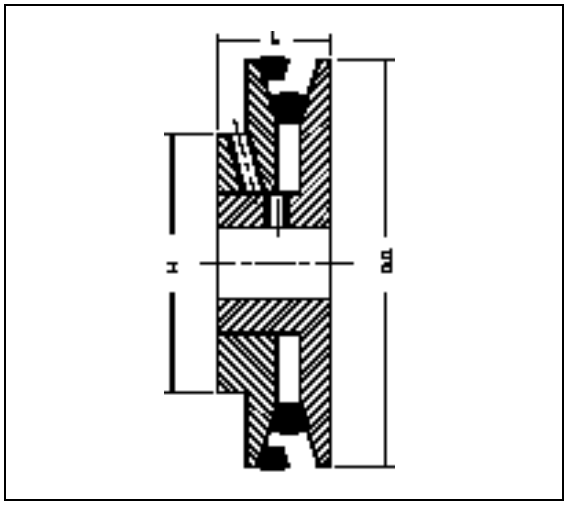
W = S(N-1) + 2E
N = No. of Grooves

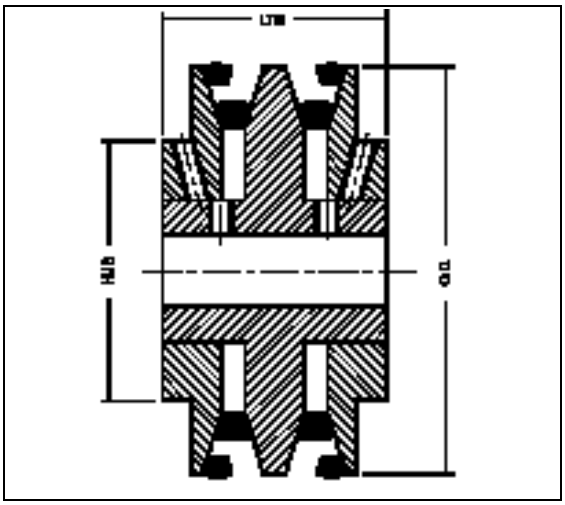
Pulley Groove Dimensions (ISO Standard)

Belt Section	P.D. Range	a° Groove angle +/-0,5°	W +0,2/-0mm	W_b	D +0,6/-0mm	X +0,3/-0mm	S^1 +/-0,2mm	Sum of deviations of S^2	E +/-0,3mm
SPZ	Up to 80 Over 80	34 38	9,7	8,5	11	2	12	+/-0,6mm	8
SPA	Up to 118 Over 118	34 38	12,7	11	13,8	2,75	15	+/-0,6mm	10
SPB	Up to 190 Over 190	34 38	16,2	14	17,5	3,5	19	+/-0,8mm	12,5
SPC	Up to 315 Over 315	34 38	22	19	23,8	4,8	25,5	+/-1mm	17

Call Martin for your made-to-order and large quantity requirements.

Variable Speed Pulleys





Variable Speed Pulley

Part Number	Belt	No.of Grooves	Pitch Dia.		Type	O.D.	H	L	Bore	
			Min	Max					Min	Max
1V072A087	Z/SPZ A/SPA	1	70 72	89 87	1	93	72	32	10	32
1V076A102	Z/SPZ A/SPA	1	74 76	93 102	1	108	80	38	10	40
1V088A114	Z/SPZ A/SPA	1	86 88	105 114	1	120	80	38	10	40
1V106A132	Z/SPZ A/SPA	1	104 106	123 132	1	138	88	38	12	48
1V128A154	Z/SPZ A/SPA	1	126 128	145 154	1	160	88	38	14	48
1V139B173	A/SPA B/SPB	1	137 139	163 173	1	180	96	44	16	56
1V159B193	A/SPA B/SPB	1	157 159	183 193	1	200	96	44	16	56
1V179B213	A/SPA B/SPB	1	177 179	203 213	1	220	96	44	20	56
1V199B233	A/SPA B/SPB	1	197 199	223 233	1	240	96	44	20	56
2V072A087	Z/SPZ A/SPA	2	70 72	89 87	2	93	72	60	10	32
2V076A102	Z/SPZ A/SPA	2	74 76	93 102	2	108	80	72	10	40
2V088A114	Z/SPZ A/SPA	2	86 88	105 114	2	120	80	72	10	40
2V106A132	Z/SPZ A/SPA	2	104 106	123 132	2	138	88	72	12	48
2V128A154	Z/SPZ A/SPA	2	126 128	145 154	2	160	88	72	14	48
2V139B173	A/SPA B/SPB	2	137 139	163 173	2	180	96	82	16	56
2V159B193	A/SPA B/SPB	2	157 159	183 193	2	200	96	82	16	56
2V179B213	A/SPA B/SPB	2	177 179	203 213	2	220	96	82	20	56
2V199B233	A/SPA B/SPB	2	197 199	223 233	2	240	96	82	20	56

Variable Speed Pulleys

PITCH DIAMETER FOR INCREMENTAL TURN ADJUSTMENTS

Chart 1

Part Number		NUMBER OF TURNS															
	Belt	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4
	Type	0	0.375	0.75	1.125	1.5	1.875	2.25	2.625	3	3.375	3.75	4.125	4.5	4.875	5.25	5.625
1V072A089	Z	89	87,8	86,5	85,3	84,1	82,9	81,6	80,4	79,2	78,0	76,7	75,5	74,3	73,1	71,8	70,6
	A	87	85,8	84,5	83,3	82,1	80,9	79,6	78,4	77,2	76,0	74,7	73,5	72,3			
1V076A102	Z	93	91,8	90,5	89,3	88,1	86,9	85,6	84,4	83,2	82,0	80,7	79,5	78,3	77,1	75,8	74,6
	A	102	100,8	99,5	98,3	97,1	95,9	94,6	93,4	92,2	91,0	89,7	88,5	87,3	86,1	84,8	83,6
1V088A114	Z	105	103,8	102,5	101,3	100,1	98,9	97,6	96,4	95,2	94,0	92,7	91,5	90,3	89,1	87,8	86,6
	A	114	112,8	111,5	110,3	109,1	107,9	106,6	105,4	104,2	103,0	101,7	100,5	99,3	98,1	96,8	95,6
1V106A132	Z	123	121,8	120,5	119,3	118,1	116,9	115,6	114,4	113,2	112,0	110,7	109,5	108,3	107,1	105,8	104,6
	A	132	130,8	129,5	128,3	127,1	125,9	124,6	123,4	122,2	121,0	119,7	118,5	117,3	116,1	114,8	113,6
1V128A154	Z	145	143,8	142,5	141,3	140,1	138,9	137,6	136,4	135,2	134,0	132,7	131,5	130,3	129,1	127,8	126,6
	A	154	152,8	151,5	150,3	149,1	147,9	146,6	145,4	144,2	143,0	141,7	140,5	139,3	138,1	136,8	135,6
1V139B173	A	163	161,8	160,5	159,3	158,1	156,9	155,6	154,4	153,2	152,0	150,7	149,5	148,3	147,1	145,8	144,6
	B	173	171,8	170,5	169,3	168,1	166,9	165,6	164,4	163,2	162,0	160,7	159,5	158,3	157,1	155,8	154,6
1V159B193	A	183	181,8	180,5	179,3	178,1	176,9	175,6	174,4	173,2	172,0	170,7	169,5	168,3	167,1	165,8	164,6
	B	193	191,8	190,5	189,3	188,1	186,9	185,6	184,4	183,2	182,0	180,7	179,5	178,3	177,1	175,8	174,6
1V179B213	A	203	201,8	200,5	199,3	198,1	196,9	195,6	194,4	193,2	192,0	190,7	189,5	188,3	187,1	185,8	184,6
	B	213	211,8	210,5	209,3	208,1	206,9	205,6	204,4	203,2	202,0	200,7	199,5	198,3	197,1	195,8	194,6
1V199B233	A	223	221,8	220,5	219,3	218,1	216,9	215,6	214,4	213,2	212,0	210,7	209,5	208,3	207,1	205,8	204,6
	B	233	231,8	230,5	229,3	228,1	226,9	225,6	224,4	223,2	222,0	220,7	219,5	218,3	217,1	215,8	214,6
2V072A087	Z	89	87,8	86,5	85,3	84,1	82,9	81,6	80,4	79,2	78,0	76,7	75,5	74,3	73,1	71,8	70,6
	A	87	85,8	84,5	83,3	82,1	80,9	79,6	78,4	77,2	76,0	74,7	73,5	72,3			
2V076A102	Z	93	91,8	90,5	89,3	88,1	86,9	85,6	84,4	83,2	82,0	80,7	79,5	78,3	77,1	75,8	74,6
	A	102	100,8	99,5	98,3	97,1	95,9	94,6	93,4	92,2	91,0	89,7	88,5	87,3	86,1	84,8	83,6
2V088A114	Z	105	103,8	102,5	101,3	100,1	98,9	97,6	96,4	95,2	94,0	92,7	91,5	90,3	89,1	87,8	86,6
	A	114	112,8	111,5	110,3	109,1	107,9	106,6	105,4	104,2	103,0	101,7	100,5	99,3	98,1	96,8	95,6
2V106A132	Z	123	121,8	120,5	119,3	118,1	116,9	115,6	114,4	113,2	112,0	110,7	109,5	108,3	107,1	105,8	104,6
	A	132	130,8	129,5	128,3	127,1	125,9	124,6	123,4	122,2	121,0	119,7	118,5	117,3	116,1	114,8	113,6
2V128A154	Z	145	143,8	142,5	141,3	140,1	138,9	137,6	136,4	135,2	134,0	132,7	131,5	130,3	129,1	127,8	126,6
	A	154	152,8	151,5	150,3	149,1	147,9	146,6	145,4	144,2	143,0	141,7	140,5	139,3	138,1	136,8	135,6
2V139B173	A	163	161,8	160,5	159,3	158,1	156,9	155,6	154,4	153,2	152,0	150,7	149,5	148,3	147,1	145,8	144,6
	B	173	171,8	170,5	169,3	168,1	166,9	165,6	164,4	163,2	162,0	160,7	159,5	158,3	157,1	155,8	154,6
2V159B193	A	183	181,8	180,5	179,3	178,1	176,9	175,6	174,4	173,2	172,0	170,7	169,5	168,3	167,1	165,8	164,6
	B	193	191,8	190,5	189,3	188,1	186,9	185,6	184,4	183,2	182,0	180,7	179,5	178,3	177,1	175,8	174,6
2V179B213	A	203	201,8	200,5	199,3	198,1	196,9	195,6	194,4	193,2	192,0	190,7	189,5	188,3	187,1	185,8	184,6
	B	213	211,8	210,5	209,3	208,1	206,9	205,6	204,4	203,2	202,0	200,7	199,5	198,3	197,1	195,8	194,6
2V199B233	A	223	221,8	220,5	219,3	218,1	216,9	215,6	214,4	213,2	212,0	210,7	209,5	208,3	207,1	205,8	204,6
	B	233	231,8	230,5	229,3	228,1	226,9	225,6	224,4	223,2	222,0	220,7	219,5	218,3	217,1	215,8	216,6

Martin

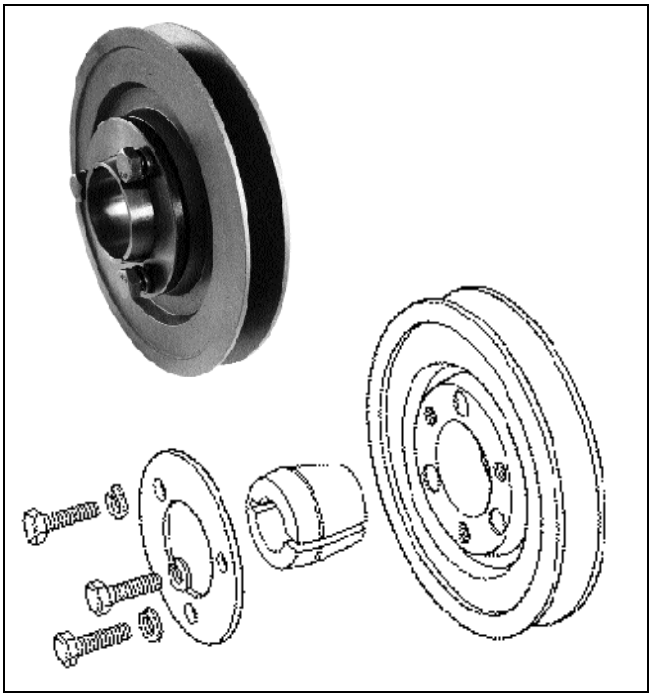
Variable Speed Pulleys

PITCH DIAMETER FOR INCREMENTAL TURN ADJUSTMENTS

Chart 2

NUMBER OF TURNS															Part Number
4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	Belt
6	6.375	6.75	7.125	7.5	7.875	8.25	8.625	9	9.375	9.75	10.125	4.5	4.875	11.25	Type
69,4															Z A	1V072A089
73,4 82,4	81,1	79,9	78,7		77,5	76,2									Z A	1V076A102
85,4 94,4	93,1	91,9	90,7		89,5	88,2									Z A	1V088A114
103,4 112,4	111,1	109,9	108,7		107,5	106,2									Z A	1V106A132
125,4 134,4	133,1	131,9	130,7		129,5	128,2									Z A	1V128A154
143,4 153,4	142,1 152,1	140,9 150,9	139,7 149,7	148,5	138,5 147,2	137,2 146,0	144,8	143,6	142,3	141,1	139,9	138,7	137,4	136,2	A B	1V139B173
163,4 173,4	162,1 172,1	160,9 170,9	159,7 169,7	168,5	158,5 167,2	157,2 166,0	164,8	163,6	162,3	161,1	159,9	158,7	157,4	156,2	A B	1V159B193
183,4 193,4	182,1 192,1	180,9 190,9	179,7 189,7	188,5	178,5 187,2	177,2 186,0	184,8	183,6	182,3	181,1	179,9	178,7	177,4	176,2	A B	1V179B213
203,4 213,4	202,1 212,1	200,9 210,9	199,7 209,7	208,5	198,5 207,2	197,2 206,0	204,8	203,6	202,3	201,1	199,9	198,7	197,4	196,2	A B	1V199B233
69,4															Z A	2V072A087
73,4 82,4	81,1	79,9	78,7		77,5	76,2									Z A	2V076A102
85,4 94,4	93,1	91,9	90,7		89,5	88,2									Z A	2V088A114
103,4 112,4	111,1	109,9	108,7		107,5	106,2									Z A	2V106A132
125,4 134,4	133,1	131,9	130,7		129,5	128,2									Z A	2V128A154
143,4 153,4	142,1 152,1	140,9 150,9	139,7 149,7	148,5	138,5 147,2	137,2 146,0	144,8	143,6	142,3	141,1	139,9	138,7	137,4	136,2	A B	2V139B173
163,4 173,4	162,1 172,1	160,9 170,9	159,7 169,7	168,5	158,5 167,2	157,2 166,0	164,8	163,6	162,3	161,1	159,9	158,7	157,4	156,2	A B	2V159B193
183,4 193,4	182,1 192,1	180,9 190,9	179,7 189,7	188,5	178,5 187,2	177,2 186,0	184,8	183,6	182,3	181,1	179,9	178,7	177,4	176,2	A B	2V179B213
203,4 213,4	202,1 212,1	200,9 210,9	199,7 209,7	208,5	198,5 207,2	197,2 206,0	204,8	203,6	202,3	201,1	199,9	198,7	197,4	196,2	A B	2V199B233

Mi-Lock Pulleys

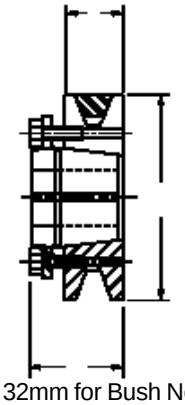


Assembly Shown Above.

- Pulleys are made from grated Cast Iron and twin taper bushes in steel.
- Twin Taper bushes are available in a wide range of bores- Metric & Imperial.
- Pulleys are fully machined (Up to size 250A) - inherently balanced.
- Suitable for 'A' or 'B', or 'SPB' Section V Belts.
- Simple and easy to install and remove. Shrunk-on fit. No keys or grub screws required.
- Can be used as single, double and stepped pulley for minimum stock.
- Low cost and low inventory.

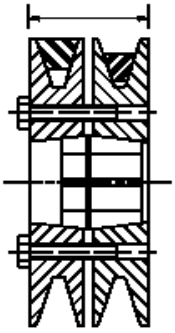
BUSH SHAFT SIZES		
MLB1	mm	10,11,12,14,15,16,18,19,20,22,24,25,28
	inch	3/8,7/16,1/2,9/16,5/8,11/16,13/16,7/8,15/16,1, 1-1/16,1-1/8
MLB2	mm	16,18,19,20,22,24,25,28,30,32,35,38,40,42
	inch	1/2,9/16,5/8,11/16,3/4,13/16,7/8,15/16,1,1-1/16 1-1/8,1-3/16,1-1/4,1-5/16,1-3/8,1-7/16,1-1/2,1-9/16

Single Groove Assembly



L = 32mm for Bush No. 1
L = 38mm for Bush No. 2

Double Groove Assembly



L = 44mm for Bush No. 1
L = 46mm for Bush No. 2

Double Ratio Assembly

MI-LOCK PULLEYS

Part Number	Pulley Size		Outside Diameter	Mass KG	Suitable Bush Retainer Size
	Pitch A	Pitch B			
MLP071	071	81	88,6	0,42	MLB1
MLP075	075	85	91,8	0,47	MLB1
MLP080	080	90	96,8	0,53	MLB1
MLP085	085	95	101,5	0,62	MLB1
MLP090	090	100	106,8	0,72	MLB1
MLP095	095	105	111,8	0,80	MLB1
MLP100	100	110	116,8	0,91	MLB1
MLP106	106	116	122,8	1,02	MLB1
MLP112	112	122	128,8	0,98	MLB1
MLP118	118	128	134,8	1,05	MLB1
MLP125	125	135	141,8	1,17	MLB1
MLP132	132	142	148,8	1,28	MLB1
MLP140	140	150	156,8	1,49	MLB2
MLP150	150	160	166,8	1,61	MLB2
MLP160	160	170	175,8	1,75	MLB2
MLP180	180	190	195,8	2,03	MLB2
MLP200	200	210	215,8	2,38	MLB2
MLP224	224	233	239,8	3,34	MLB2
MLP250	250	259	265,8	4,22	MLB2
MLP280	280	288,7	295,8	3,77	MLB2
MLP315	315	323,7	330,8	4,45	MLB2
MLP355	355	363,7	370,8	4,94	MLB2
MLP400	400	408,7	415,8	7,51	MLB2
MLP450	450	458,7	465,8	9,05	MLB2

Single Pulley P/N

Part Number Example

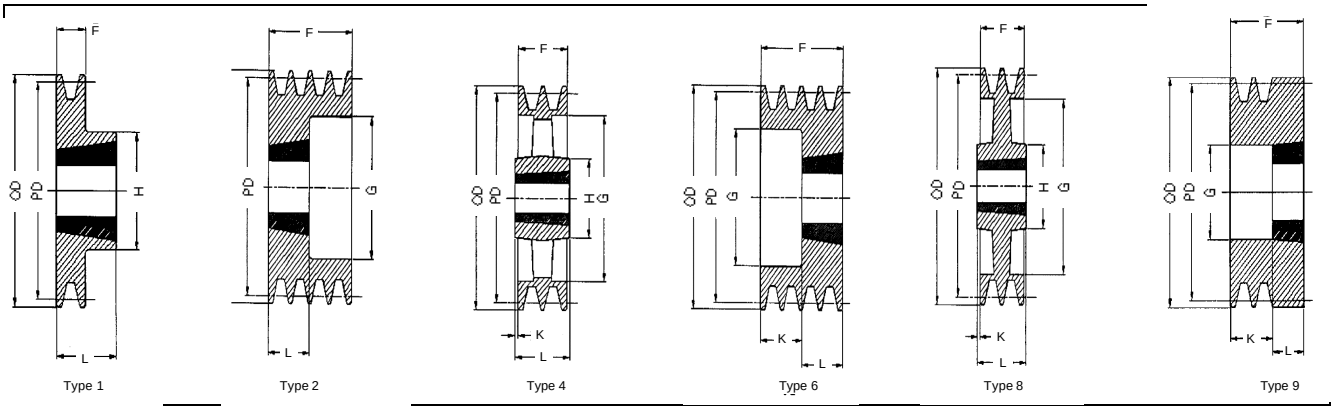
	Exp. 1	Exp. 2
Pulley	MLPO71	MLP140
Bush	MLB1-1(inch)	MLB2-25mm
Retainer Set	MLBR1	MLBR2

Double Pulley P/N

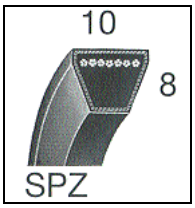
Part Number Example

	Exp. 1	Exp. 2
Pulley	MLP125	MLP200
Bush	MLB1-1 (inch)	MLB2-25mm
Retainer Set	MLBR1*	MLBR2*

Taper Bushed Pulley SPZ



Dimensions for Martin pulleys are listed in the following tables with TB bushings in place. The type of pulley shown below is indicated by a letter, and the construction is indicated by a number, as shown on facing page.

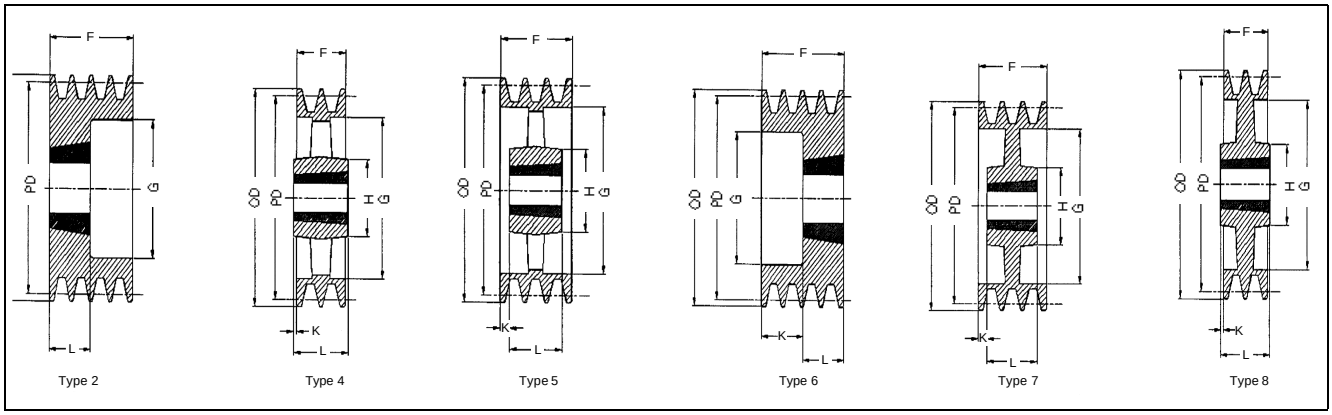


1 Groove* F = 16mm												2 Groove F = 28mm								
Part Number	OD	PD SPZ Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
1 SPZ 50*	54	50	9	1008	25	37	26	14	22	60	0,3	2SPZ50*	9	1008	25	49	26	26	22	60	0,4
1 SPZ 56*	60	56	9	1008	25	37	—	15	22	—	0,5	2SPZ56*	9	1108	28	49	—	27	22	—	0,5
1 SPZ 60*	64	60	9	1008	25	22	—	—	22	—	0,3	2SPZ60*	9	1108	28	49	—	27	22	—	0,7
1 SPZ 63	67	63	1	1108	28	16	—	—	22	62	0,3	2SPZ63	6	1108	28	28	—	6	22	—	0,3
1 SPZ 67	71	67	1	1108	28	16	—	—	22	62	0,3	2SPZ67	6	1108	28	28	—	6	22	—	0,4
1 SPZ 71	75	71	1	1108	28	16	—	—	22	62	0,4	2SPZ71	6	1108	28	28	—	6	22	—	0,5
1 SPZ 75	79	75	1	1108	28	16	—	—	22	62	0,4	2SPZ75	6	1210	32	28	—	3	25	—	0,5
1 SPZ 80	84	80	1	1210	32	16	—	—	25	75	0,5	2SPZ80	6	1210	32	28	—	3	25	—	0,6
1 SPZ 85	89	85	1	1210	32	16	—	—	25	86	0,7	2SPZ85	6	1610	42	28	—	3	25	—	0,6
1 SPZ 90	94	90	1	1210	32	16	—	—	25	86	0,7	2SPZ90	6	1610	42	28	—	3	25	—	0,7
1 SPZ 95	99	95	1	1210	32	16	—	—	25	86	0,8	2 SPZ 95	6	1610	42	28	—	3	25	—	0,8
1 SPZ 100	104	100	1	1210	32	16	—	—	25	86	0,9	2 SPZ 100	6	1610	42	28	—	3	25	—	0,9
1 SPZ 106	111	106	1	1610	42	16	—	—	25	92	1,0	2 SPZ 106	6	1610	42	28	—	3	25	—	1,1
1 SPZ 112	116	112	1	1610	42	16	—	—	25	92	1,1	2 SPZ 112	6	1610	42	28	—	3	25	—	1,3
1 SPZ 118	123	118	1	1610	42	16	—	—	25	92	1,2	2 SPZ 118	2	1610	42	28	75	—	25	—	1,5
1 SPZ 125	129	125	1	1610	42	16	—	—	25	92	1,3	2 SPZ 125	2	1610	42	28	75	—	25	—	1,7
1 SPZ 132	137	132	1	1610	42	16	—	—	25	92	1,5	2 SPZ 132	2	1610	42	28	75	—	25	—	2,0
1 SPZ 140	144	140	1	1610	42	16	—	—	25	92	1,7	2 SPZ 140	2	1610	42	28	75	—	25	—	2,4
1 SPZ 150	154	150	1	1610	42	16	—	—	25	92	2,0	2 SPZ 150	1	2012	50	28	—	—	32	106	2,6
1 SPZ 160	164	160	1	1610	42	16	—	—	25	92	2,2	2 SPZ 160	1	2012	50	28	—	—	32	106	3,1
1 SPZ 170	174	170	1	1610	42	16	—	—	25	92	2,2	2 SPZ 170	8	2012	50	28	142	—	32	106	2,8
1 SPZ 180	184	180	8	1610	42	16	152	—	25	92	2,1	2 SPZ 180	8	2012	50	28	152	—	32	106	2,9
1 SPZ 190	194	190	8	1610	42	16	162	—	25	92	2,7	2 SPZ 190	8	2012	50	28	162	—	32	106	3,1
1 SPZ 200	204	200	8	2012	50	16	172	—	32	106	3,4	2 SPZ 200	8	2012	50	28	172	—	32	106	3,4
1 SPZ 212	216	212	8	2012	50	16	182	—	32	106	3,5	2 SPZ 212	8	2012	50	28	182	—	32	106	4,0
1 SPZ 224	228	224	8	2012	50	16	195	—	32	106	3,6	2 SPZ 224	8	2012	50	28	195	—	32	106	4,5
1 SPZ 236	240	236	8	2012	50	16	206	—	32	106	4,1	2 SPZ 236	8	2012	50	28	208	—	32	106	4,8
1 SPZ 250	254	250	8	2012	50	16	221	—	32	106	4,6	2 SPZ 250	8	2012	50	28	221	—	32	106	5,4
1 SPZ 280	284	280	8	2012	50	16	251	8	32	112	5,5	2 SPZ 280	8	2012	50	28	251	—	32	106	6,2
1 SPZ 315	319	315	8	2012	50	16	286	8	32	112	6,7	2 SPZ 315	8	2012	50	28	286	—	32	106	7,2
1 SPZ 355	359	355	4	2012	50	16	326	8	32	112	6,8	2 SPZ 355	4	2012	50	28	326	2	32	112	8,6
1 SPZ 400	404	400	4	2012	50	16	371	8	32	112	6,9	2 SPZ 400	4	2517	60	28	371	9	45	124	9,9
1 SPZ 450	454	450	4	2517	60	16	421	15	45	124	7,2	2 SPZ 450	4	2517	60	28	421	9	45	124	11,2
1 SPZ 500	504	500	4	2517	60	16	471	15	45	124	7,5	2 SPZ 500	4	2517	60	28	471	9	45	124	12,1
												2 SPZ 630	4	2517	60	28	601	9	45	124	14,7

Dimensions in millimeters, weight in kilograms

* Pulleys are below the recommended size for Wrapped Wedge Belts.
Weights do not include bushings.
Type 6NR pulleys are made to catalog dimensions, but modern manufacturing techniques result in there being no recess behind the Taper bush.
The G dimension is then approximately equal to the smaller diameter of the Taper bush.
All envelope and prime functional dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

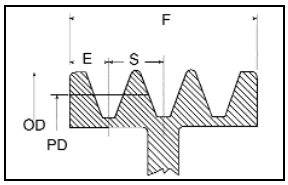
SPZ Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPZ	8	12	P.D. +2

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves



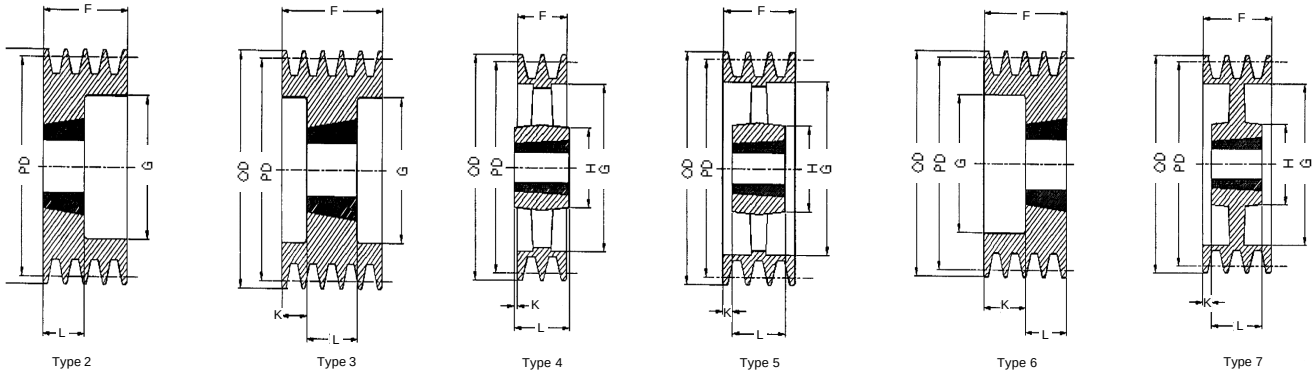
F = S(N-1) + 2E
N = No. of Grooves
SPZ Taper Bushed Pulley

3 Groove F = 40mm												4 Groove F = 52mm									
Part Number	OD	PD SPZ Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
3 SPZ 63	67	63	6	1108	28	40	38	18	22	—	0,4	4 SPZ 63	6	1108	28	52	38	30	22	—	0,5
3 SPZ 67	71	67	6	1108	28	40	38	18	22	—	0,5	4 SPZ 67	6	1108	28	52	38	30	22	—	0,6
3 SPZ 71	75	71	6	1108	28	40	42	18	22	—	0,6	4 SPZ 71	6	1108	28	52	42	30	22	—	0,7
3 SPZ 75	79	75	6	1210	32	40	48	15	25	—	0,7	4 SPZ 75	6	1210	32	52	46	27	25	—	0,8
3 SPZ 80	84	80	6	1210	32	40	52	15	25	—	0,7	4 SPZ 80	6	1210	32	52	51	27	25	—	0,9
3 SPZ 85	89	85	6	1610	42	40	57	15	25	—	0,8	4 SPZ 85	6	1610	42	52	56	27	25	—	1,0
3 SPZ 90	94	90	6	1610	42	40	62	15	25	—	0,9	4 SPZ 90	6	1610	42	52	61	27	25	—	1,1
3 SPZ 95	99	95	2	1610	42	40	67	—	25	—	1,0	4 SPZ 95	6	1610	42	52	66	27	25	—	1,3
3 SPZ 100	104	100	2	1610	42	40	72	—	25	—	1,1	4 SPZ 100	6	1610	42	52	74	27	25	—	1,4
3 SPZ 106	111	106	2	1610	42	40	78	—	25	—	1,4	4 SPZ 106	6	1610	42	52	80	27	25	—	1,6
3 SPZ 112	116	112	2	2012	50	40	84	—	32	—	1,4	4 SPZ 112	6	2012	50	52	86	20	32	—	1,7
3 SPZ 118	123	118	2	2012	50	40	90	—	32	—	1,7	4 SPZ 118	2	2012	50	52	92	—	32	—	2,0
3 SPZ 125	129	125	6	2012	50	40	97	8	32	—	2,0	4 SPZ 125	2	2012	50	52	99	—	32	—	2,3
3 SPZ 132	137	132	2	2012	50	40	104	—	32	—	2,3	4 SPZ 132	6	2012	50	52	104	20	32	—	2,6
3 SPZ 140	144	140	2	2012	50	40	112	—	32	—	2,7	4 SPZ 140	2	2012	50	52	112	—	32	—	3,1
3 SPZ 150	154	150	2	2012	50	40	122	—	32	—	3,3	4 SPZ 150	2	2517	60	52	122	—	45	—	3,8
3 SPZ 160	164	160	2	2012	50	40	132	—	32	—	3,9	4 SPZ 160	2	2517	60	52	132	—	45	—	4,6
3 SPZ 170	174	170	7	2012	50	40	142	—	32	106	3,2	4 SPZ 170	2	2517	65	52	141	—	45	—	5,5
3 SPZ 180	184	180	7	2012	50	40	152	—	32	106	3,4	4 SPZ 180	2	2517	60	52	152	—	45	—	6,3
3 SPZ 190	194	190	7	2012	50	40	162	—	32	106	3,4	4 SPZ 190	3	2517	65	52	161	—	45	—	5,3
3 SPZ 200	204	200	7	2012	50	40	172	—	32	106	3,9	4 SPZ 200	7	2517	60	52	172	3,5	45	125	5,4
3 SPZ 212	216	212	7	2012	50	40	183	4	32	106	5,0	4 SPZ 212	7	2517	60	52	182	3,5	45	125	6,2
3 SPZ 224	228	224	7	2012	50	40	195	4	32	106	5,4	4 SPZ 224	7	2517	60	52	195	3,5	45	125	7,0
3 SPZ 236	240	236	7	2012	50	40	207	4	32	106	5,9	4 SPZ 236	7	2517	60	52	206	3,5	45	125	7,5
3 SPZ 250	254	250	7	2012	50	40	221	4	32	106	6,4	4 SPZ 250	7	2517	60	52	221	3,5	45	125	8,0
3 SPZ 280	284	280	8	2517	60	40	251	—	45	125	8,3	4 SPZ 280	7	2517	60	52	251	3,5	45	125	9,5
3 SPZ 315	319	315	8	2517	60	40	286	—	45	125	10,1	4 SPZ 315	7	2517	60	52	286	3,5	45	125	12,1
3 SPZ 355	359	355	4	2517	60	40	326	2,5	45	124	11,7	4 SPZ 355	5	2517	60	52	326	3,5	45	124	12,8
3 SPZ 400	404	400	4	2517	60	40	371	2,5	45	124	13,3	4 SPZ 400	5	2517	60	52	371	3,5	45	124	13,6
3 SPZ 450	454	450	4	2517	60	40	421	2,5	45	124	14,6	4 SPZ 450	5	3020	75	52	421	0,5	51	159	14,5
3 SPZ 500	504	500	4	2517	60	40	471	2,5	45	124	15,8	4 SPZ 500	5	3020	75	52	471	0,5	51	159	17,3
3 SPZ 630	634	630	4	2517	60	40	601	5,5	45	124	17,0	4 SPZ 630	5	3020	75	52	601	0,5	51	145	23,0
3 SPZ 710	717	710	4	3020	75	40	680	2,5	51	159	25,0	4 SPZ 710	4	3030	75	52	680	12	76	159	29,0
3 SPZ 800	804	800	4	3020	75	40	771	5,5	51	159	33,0	4 SPZ 800	4	3030	75	52	771	12	76	159	36,0

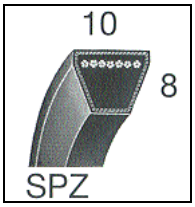
Dimensions in millimeters, weight in kilograms

Weights do not include bushings.
Pulleys shown in Italic type are below the recommended size for Wrapped Wedge Belts.
Type 6NR pulleys are made to catalogue dimensions, but modern manufacturing techniques result in there being no recess behind the Taper bush.
The G dimension is then approximately equal to the smaller diameter of the Taper bush.
All envelope and prime functional dimensions are correct at the time of publication. Non-functional dimensions may vary slightly.

Taper Bushed Pulley SPZ



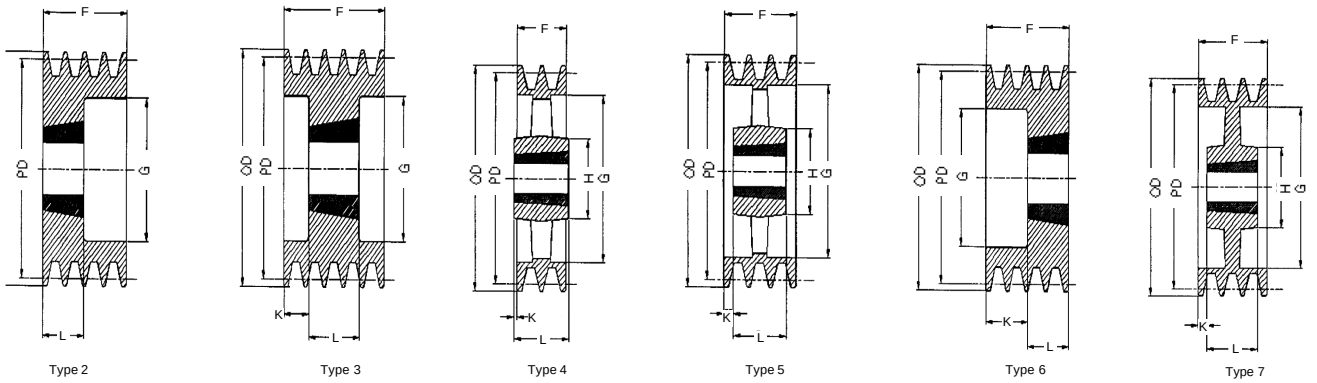
Let Martin quote your made to order and large quantity requirements.



5 Groove F = 64mm												6 Groove F = 76mm									
Part Number	OD	PD SPZ Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
5 SPZ 85	89	85	6	1610	42	64	56	39	25	—	1,3										
5 SPZ 90	94	90	6	1610	42	64	61	39	25	—	1,3	6 SPZ 90	6	1610	42	76	61	51	25	—	1,5
5 SPZ 95	99	95	6	1610	42	64	66	39	25	—	1,5	6 SPZ 95	6	1610	42	76	66	51	25	—	1,7
5 SPZ 100	104	100	6	2012	50	64	71	32	32	—	1,6	6 SPZ 100	6	2012	50	76	71	44	32	—	1,9
5 SPZ 106	111	106	6	2012	50	64	77	32	32	—	1,8	6 SPZ 106	6	2012	50	76	77	44	32	—	2,0
5 SPZ 112	116	112	6	2012	50	64	83	32	32	—	2,0	6 SPZ 112	6	2012	50	76	83	44	32	—	2,3
5 SPZ 118	123	118	6	2012	50	64	89	32	32	—	2,3	6 SPZ 118	6	2517	60	76	89	31	45	—	2,3
5 SPZ 125	129	125	6	2012	50	64	96	32	32	—	2,7	6 SPZ 125	6	2517	60	76	96	31	45	—	2,7
5 SPZ 132	137	132	6	2517	60	64	103	19	45	—	2,8	6 SPZ 132	6	2517	60	76	103	31	45	—	3,2
5 SPZ 140	144	140	2	2517	60	64	111	—	45	—	3,4	6 SPZ 140	2	2517	60	76	111	—	45	—	3,8
5 SPZ 150	154	150	2	2517	60	64	121	—	45	—	4,3	6 SPZ 150	2	2517	60	76	121	—	45	—	4,6
5 SPZ 160	164	160	2	2517	60	64	131	—	45	—	5,1	6 SPZ 160	2	2517	60	76	131	—	45	—	5,5
5 SPZ 170	174	170	2	2517	60	64	141	—	45	—	5,7	6 SPZ 170	2	2517	65	76	141	—	45	—	6,5
5 SPZ 180	184	180	2	2517	60	64	151	—	45	—	6,8	6 SPZ 180	2	2517	60	76	151	—	45	—	7,3
5 SPZ 190	194	190	3	2517	60	64	141	—	45	—	7,8	6 SPZ 190	3	2517	65	76	161	—	45	—	8,4
5 SPZ 200	204	200	3	2517	60	64	171	10	45	—	8,8	6 SPZ 200	3	2517	60	76	171	16	45	—	9,4
5 SPZ 212	216	212	7	2517	60	64	181	10	45	124	8,8	6 SPZ 212	7	2517	60	76	182	16	45	124	9,5
5 SPZ 224	228	224	7	2517	60	64	195	10	45	124	8,8	6 SPZ 224	7	2517	60	76	195	16	45	124	9,7
5 SPZ 236	240	236	7	2517	60	64	206	10	45	124	8,9	6 SPZ 236	7	2517	60	76	206	16	45	124	10,7
5 SPZ 250	254	250	7	2517	60	64	221	10	45	124	9,0	6 SPZ 250	7	2517	60	76	221	16	45	124	11,8
5 SPZ 280	284	280	7	2517	60	64	251	10	45	124	11,0	6 SPZ 280	7	2517	60	76	251	16	45	124	12,8
5 SPZ 315	319	315	7	2517	60	64	286	10	45	124	13,3	6 SPZ 315	7	2517	60	76	286	16	45	124	13,8
5 SPZ 355	359	355	5	2517	60	64	326	10	45	124	13,0	6 SPZ 355	5	2517	60	76	326	16	45	124	15,0
5 SPZ 400	404	400	5	3020	75	64	371	7	51	159	15,6	6 SPZ 400	5	3020	75	76	371	13	51	159	18,3
5 SPZ 450	454	450	5	3020	75	64	421	7	51	159	19,0	6 SPZ 450	5	3020	75	76	421	13	51	159	21,5
5 SPZ 500	504	500	5	3020	75	64	471	7	51	159	22,6	6 SPZ 500	5	3020	75	76	471	13	51	159	24,6
5 SPZ 630	634	630	5	3020	75	64	601	7	51	146	29,0	6 SPZ 630	5	3525	100	76	601	6	65	191	35,0
5 SPZ 710	717	710	4	3535	100	64	684	13	89	191	36,5	6 SPZ 710	4	3535	100	76	684	7	89	191	46,4
5 SPZ 800	804	800	4	3535	100	64	771	13	89	191	44,1	6 SPZ 800	4	3535	100	76	771	7	89	191	57,9

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

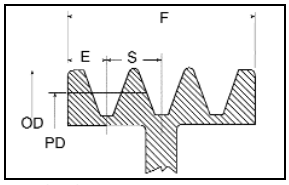
SPZ Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPZ	8	12	P.D. +2

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves

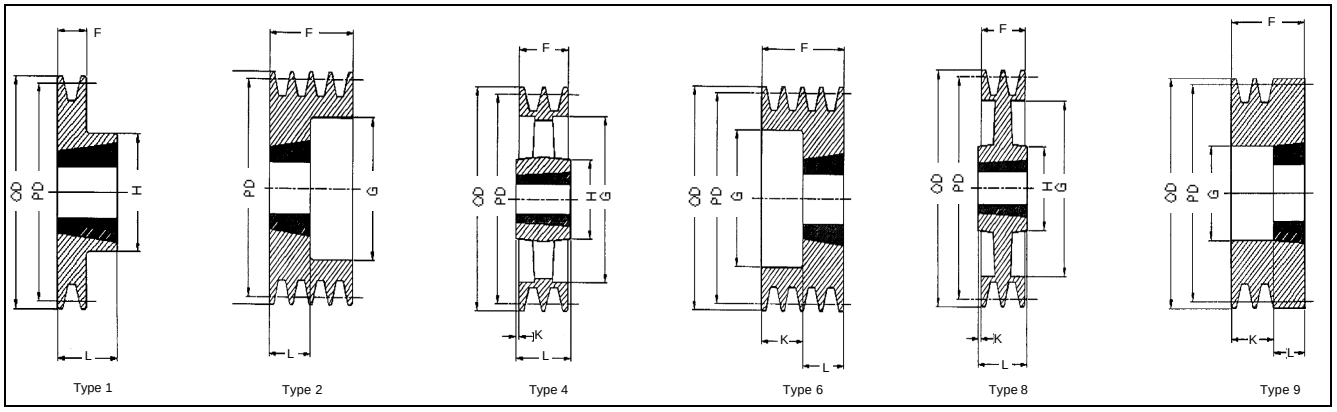


F = S(N-1) + 2E
N = No. of Grooves
SPZ Taper Bushed Pulley

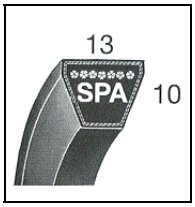
8 Groove F = 100mm											
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
8 SPZ 140	144	140	3	2517	65	100	111	28	45	—	4,0
8 SPZ 150	154	150	3	2517	65	100	121	28	45	—	5,1
8 SPZ 160	164	160	3	2517	65	100	131	28	45	—	5,6
8 SPZ 170	174	170	3	2517	65	100	141	28	45	—	6,8
8 SPZ 180	184	180	3	3020	75	100	151	25	51	—	7,1
8 SPZ 190	194	190	3	3020	75	100	161	25	51	—	8,2
8 SPZ 200	204	200	3	3020	75	100	171	25	51	—	9,3
8 SPZ 212	216	212	3	3020	75	100	182	25	51	—	10,6
8 SPZ 224	228	224	3	3020	75	100	195	25	51	—	11,8
8 SPZ 236	240	236	3	3020	75	100	206	25	51	—	10,6
8 SPZ 250	254	250	5	3020	75	100	221	25	51	145	10,5
8 SPZ 280	284	280	5	3020	75	100	251	25	51	145	10,8
8 SPZ 315	319	315	5	3020	75	100	286	25	51	145	12,9
8 SPZ 355	359	355	5	3030	75	100	326	12	76	145	16,0
8 SPZ 400	404	400	5	3030	75	100	371	12	76	145	18,2
8 SPZ 450	454	450	5	3535	90	100	424	6	89	178	24,0
8 SPZ 500	504	500	5	3535	90	100	471	6	89	178	26,0
8 SPZ 630	634	630	5	3535	90	100	601	6	89	178	35,8

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

Taper Bushed Pulley SPA



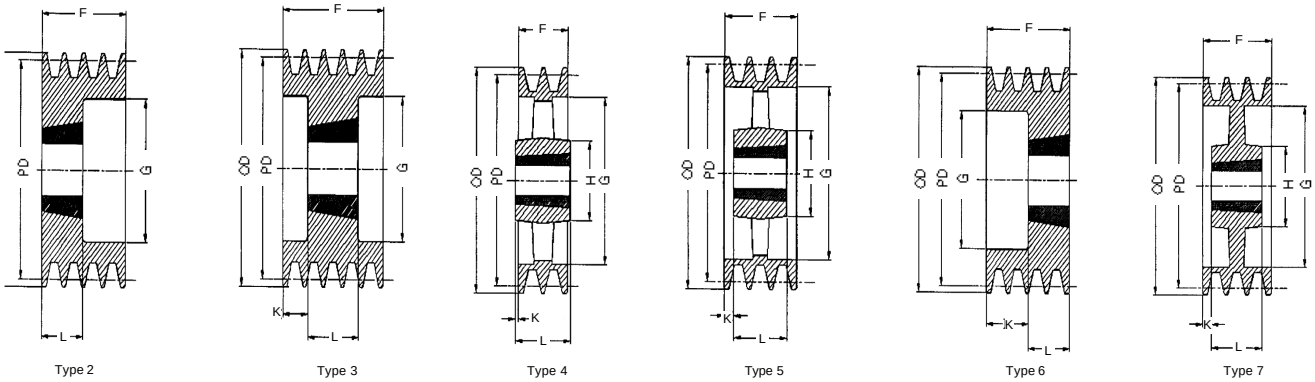
Let Martin quote your made to order and large quantity requirements.



1 Groove F = 20mm												2 Groove F = 35mm									
Part Number	OD	PD SPA Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
1 SPA 63	69	63	9	1108	28	40	34	18	22	—	0,8	2 SPA 63	9	1108	28	55	34	33	22	—	0,6
1 SPA 67	73	67	1	1108	28	22	—	—	22	60	0,5	2 SPA 67	6	1108	28	35	37	13	22	—	0,4
1 SPA 71	77	71	1	1108	28	20	—	—	22	60	0,5	2 SPA 71	6	1108	28	35	40	13	22	—	0,5
1 SPA 75	81	75	1	1108	28	22	—	—	25	60	0,4	2 SPA 75	6	1108	28	35	45	13	22	—	0,7
1 SPA 80	86	80	1	1210	32	20	—	—	25	84	0,5	2 SPA 80	6	1210	32	35	50	10	25	—	0,6
1 SPA 85	91	85	1	1210	32	20	—	—	25	88	0,6	2 SPA 85	6	1210	32	35	57	10	25	—	0,7
1 SPA 90	96	90	1	1210	32	20	—	—	25	90	0,7	2 SPA 90	6	1610	42	35	60	10	25	—	0,7
1 SPA 95	101	95	1	1210	32	20	—	—	25	90	0,9	2 SPA 95	6	1610	42	35	61	10	25	—	0,9
1 SPA 100	106	100	1	1610	42	20	—	—	25	92	0,8	2 SPA 100	6	1610	42	35	66	10	25	—	1,1
1 SPA 106	112	106	1	1610	42	20	—	—	25	85	0,9	2 SPA 106	6	1610	42	35	72	10	25	—	1,2
1 SPA 112	118	112	1	1610	42	20	—	—	25	90	1,1	2 SPA 112	6	1610	42	35	78	10	25	—	1,4
1 SPA 118	124	118	1	1610	42	20	—	—	25	92	1,2	2 SPA 118	6	1610	42	35	84	10	25	—	1,6
1 SPA 125	131	125	1	1610	42	20	—	—	25	92	1,4	2 SPA 125	2	1610	42	35	90	—	25	—	1,9
1 SPA 132	138	132	1	1610	42	20	—	—	25	92	1,6	2 SPA 132	2	2012	50	35	96	—	32	—	2,1
1 SPA 140	146	140	1	1610	42	20	—	—	25	92	1,8	2 SPA 140	2	2012	50	35	80	—	32	—	2,6
1 SPA 150	156	150	1	1610	42	20	—	—	25	92	2,1	2 SPA 150	2	2012	50	35	80	—	32	—	3,2
1 SPA 160	166	160	1	1610	42	20	—	—	25	92	2,4	2 SPA 160	2	2012	50	35	80	—	32	—	3,8
1 SPA 170	176	170	8	1610	42	20	136	—	25	92	1,1	2 SPA 170	2	2012	50	35	80	—	32	—	4,5
1 SPA 180	186	180	8	1610	42	20	146	—	25	92	2,3	2 SPA 180	2	2012	50	35	80	—	32	—	5,2
1 SPA 190	196	190	8	2012	50	20	156	—	32	106	2,7	2 SPA 190	8	2517	60	35	156	—	45	125	4,4
1 SPA 200	206	200	8	2012	50	20	166	—	32	106	2,3	2 SPA 200	8	2517	60	35	165	—	45	125	4,9
1 SPA 212	218	212	8	2012	50	20	177	—	32	112	3,5	2 SPA 212	8	2517	65	35	177	—	45	124	5,8
1 SPA 224	230	224	8	2012	50	20	190	—	32	106	4,0	2 SPA 224	8	2517	60	35	190	—	45	125	6,6
1 SPA 236	242	236	8	2012	50	20	202	—	32	106	4,4	2 SPA 236	8	2517	60	35	202	—	45	125	6,8
1 SPA 250	256	250	8	2012	50	20	216	—	32	106	4,8	2 SPA 250	8	2517	60	35	216	—	45	125	6,8
1 SPA 265	271	265	8	2012	50	20	230	—	32	112	5,6	2 SPA 265	8	2517	65	35	230	—	45	124	7,3
1 SPA 280	286	280	8	2012	50	20	245	—	32	112	6,3	2 SPA 280	8	2517	60	35	246	—	45	125	8,3
1 SPA 300	306	300	8	2012	50	20	265	—	32	112	6,8	2 SPA 300	8	2517	60	35	266	—	45	125	9,2
1 SPA 315	321	315	8	2012	50	20	284	—	32	112	7,2	2 SPA 315	8	2517	60	35	281	—	45	124	10,2
1 SPA 335	341	335	8	2012	50	20	320	—	32	112	7,4	2SPA 335	8	2517	60	35	301	—	45	124	10,3
1 SPA 355	361	355	4	2012	50	20	320	—	32	112	7,6	2 SPA 355	4	2517	60	35	320	—	45	124	10,5
1 SPA 375	381	375	4	2012	50	20	340	—	32	112	7,8	2 SPA 375	4	2517	60	35	340	—	45	124	10,9
1 SPA 400	406	400	4	2012	50	20	365	—	32	112	7,9	2 SPA 400	4	2517	60	35	365	—	45	124	11,3
1 SPA 425	431	425	4	2012	50	20	390	—	32	112	8,2	2 SPA 425	4	2517	60	35	390	—	45	124	13,2
1 SPA 450	456	450	4	2517	60	20	415	—	45	124	8,4	2 SPA 450	4	2517	60	35	415	—	45	124	15,0
1 SPA 475	481	475	4	2517	60	20	440	—	45	124	8,9	2 SPA 475	4	2517	60	35	440	—	45	124	16,9
1 SPA 500	506	500	4	2517	60	20	465	—	45	124	9,4	2 SPA 500	4	2517	60	35	465	—	45	124	18,7
1 SPA 530	536	530	4	2517	60	20	495	—	45	124	11,0	2 SPA 530	4	3020	60	35	495	—	51	124	19,5
1 SPA 560	565	560	4	2517	60	20	525	—	45	124	12,6	2 SPA 560	4	3020	75	35	525	8	51	159	20,4
1 SPA 630	636	360	4	2517	60	20	595	—	45	124	13,1	2 SPA 630	4	3020	75	35	595	8	51	159	22,0
												2 SPA 710	4	3020	75	35	675	8	51	159	27,0
												2 SPA 800	4	3525	90	35	764	15	65	191	31,6

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

SPA Taper Bushed Pulley

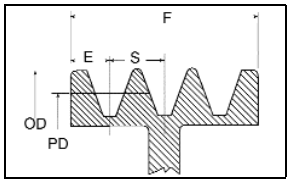


Type 2 Type 3 Type 4 Type 5 Type 6 Type 7

Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPA	10	15	P.D. + 2,75

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves

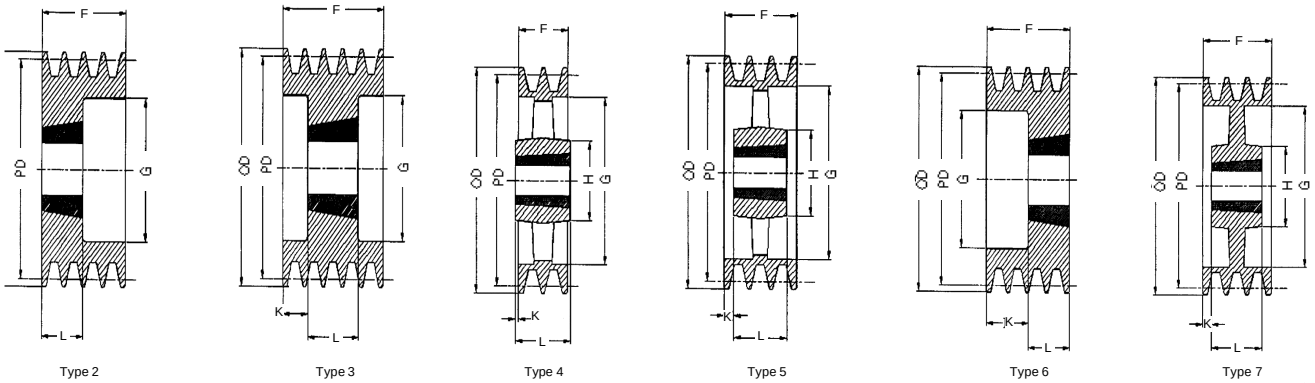


F = S(N-1) + 2E
N = No. of Grooves
SPA Taper Bushed Pulley

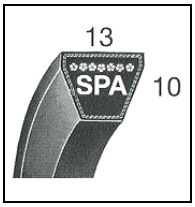
3 Groove F = 50mm												4 Groove F = 65mm								
Part Number	OD	PD SPA Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
3 SPA 71	77	71	6	1108	28	50	39	28	22	—	0,7										
3 SPA 75	81	75	6	1108	28	50	43	28	22	—	0,8										
3 SPA 80	86	80	6	1210	32	50	50	25	25	—	0,9										
3 SPA 85	91	85	6	1210	32	50	55	25	25	—	1,0										
3 SPA 90	96	90	6	1610	42	50	56	25	25	—	1,0	4 SPA 90	6	1610	42	65	62	40	25	—	1,2
3 SPA 95	101	95	6	1610	42	50	61	25	25	—	1,2	4 SPA 95	6	1610	42	65	66	40	25	—	1,4
3 SPA 100	106	100	6	1610	42	50	66	25	25	—	1,3	4 SPA 100	6	1610	42	65	66	40	32	—	1,6
3 SPA 106	112	106	6	1610	42	50	72	25	25	—	1,6	4 SPA 106	6	2012	50	65	72	33	32	—	1,7
3 SPA 112	118	112	6	2012	50	50	78	18	32	—	1,6	4 SPA 112	6	2012	50	65	73	33	32	—	2,0
3 SPA 118	124	118	6	2012	50	50	84	18	32	—	1,9	4 SPA 118	6	2012	50	65	84	33	32	—	2,3
3 SPA 125	131	125	2	2012	50	50	91	—	32	—	2,3	4 SPA 125	2	2012	50	65	91	—	32	—	2,7
3 SPA 132	138	132	2	2012	50	50	98	—	32	—	2,6	4 SPA 132	2	2517	60	65	98	—	45	—	2,9
3 SPA 140	146	140	2	2517	60	50	106	—	45	—	2,9	4 SPA 140	2	2517	60	65	106	—	45	—	3,5
3 SPA 150	156	150	2	2517	60	50	116	—	45	—	3,7	4 SPA 150	2	2517	60	65	116	—	45	—	4,2
3 SPA 160	166	160	2	2517	60	50	126	—	45	—	4,5	4 SPA 160	2	2517	60	65	126	—	45	—	5,1
3 SPA 170	176	170	2	2517	60	50	136	—	45	—	5,0	4 SPA 170	2	2517	60	65	136	—	45	—	6,0
3 SPA 180	186	180	2	2517	60	50	146	—	45	—	6,2	4 SPA 180	2	2517	60	65	146	—	45	—	6,9
3 SPA 190	196	190	2	2517	60	50	156	—	45	—	7,0	4 SPA 190	2	3020	75	65	156	—	51	—	7,2
3 SPA 200	206	200	7	2517	60	50	166	—	45	125	5,6	4 SPA 200	2	3020	75	65	166	—	51	—	8,4
3 SPA 212	218	212	7	2517	65	50	177	—	45	125	6,6	4 SPA 212	2	3020	75	65	177	—	51	—	9,9
3 SPA 224	232	224	7	2517	60	50	190	3	45	125	7,5	4 SPA 224	2	3020	75	65	190	—	51	—	11,4
3 SPA 236	243	236	7	2517	60	50	202	3	45	125	8,0	4 SPA 236	7	3020	75	65	202	7	51	159	10,0
3 SPA 250	256	250	7	2517	60	50	216	3	45	125	8,6	4 SPA 250	7	3020	75	65	216	7	51	159	10,5
3 SPA 265	271	265	7	2517	60	50	230	3	45	125	9,3	4 SPA 265	7	3020	75	65	230	7	51	159	11,1
3 SPA 280	286	280	7	2517	60	50	246	3	45	125	10,0	4 SPA 280	7	3020	75	65	246	7	51	159	11,6
3 SPA 300	306	300	8	3020	75	50	265	0,5	51	146	11,4	4 SPA 300	7	3020	75	65	265	7	51	159	12,7
3 SPA 315	321	315	8	3020	75	50	281	—	51	146	12,8	4 SPA 315	7	3020	75	65	281	7	51	159	13,8
3 SPA 335	341	335	8	3020	75	50	301	0,5	51	146	13,1	4 SPA 335	7	3020	75	65	301	7	51	159	14,8
3 SPA 355	361	355	4	3020	75	50	320	0,5	51	159	13,4	4 SPA 355	5	3020	75	65	320	7	51	159	15,8
3 SPA 375	381	375	4	3020	75	50	340	0,5	51	159	14,7	4 SPA 375	5	3020	75	65	340	7	51	159	16,8
3 SPA 400	406	400	4	3020	75	50	365	0,5	51	159	15,9	4 SPA 400	5	3020	75	65	365	7	51	159	17,7
3 SPA 425	431	425	4	3020	75	50	390	0,5	51	159	17,6	4 SPA 425	5	3020	75	65	390	7	51	159	20,5
3 SPA 450	456	450	4	3020	75	50	415	0,5	51	159	19,3	4 SPA 450	5	3020	75	65	415	7	51	159	23,2
3 SPA 475	481	475	4	3020	75	50	440	0,5	51	159	20,9	4 SPA 475	5	3020	75	65	440	7	51	159	25,3
3 SPA 500	506	500	4	3020	75	50	465	0,5	51	159	22,6	4 SPA 500	5	3020	75	65	465	7	51	159	27,4
3 SPA 530	536	530	4	3020	75	50	495	0,5	51	159	23,1	4 SPA 530	5	3020	75	65	495	7	51	159	29,0
3 SPA 560	566	560	4	3020	75	50	525	0,5	51	159	23,5	4 SPA 560	5	3525	100	65	525	—	65	191	30,5
3 SPA 630	636	630	4	3020	75	50	595	0,5	51	159	27,5	4 SPA 630	5	3525	100	65	595	—	65	191	34,1
3 SPA 710	716	710	4	3525	100	50	675	8	65	191	37,2	4 SPA 710	5	3525	100	65	675	—	65	191	47,0
3 SPA 800	806	800	4	3525	100	50	765	8	65	191	40,8	4 SPA 800	5	3525	100	65	765	—	65	191	50,8
3 SPA 900	906	900	4	3525	100	50	866	8	65	191	43,6	4 SPA 900	4	3525	100	65	866	—	65	191	55,6
3 SPA 1000	1006	1000	4	3525	100	50	964	8	65	191	50,0	4 SPA 1000	4	4040	115	65	964	—	102	215	62,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

Taper Bushed Pulley SPA



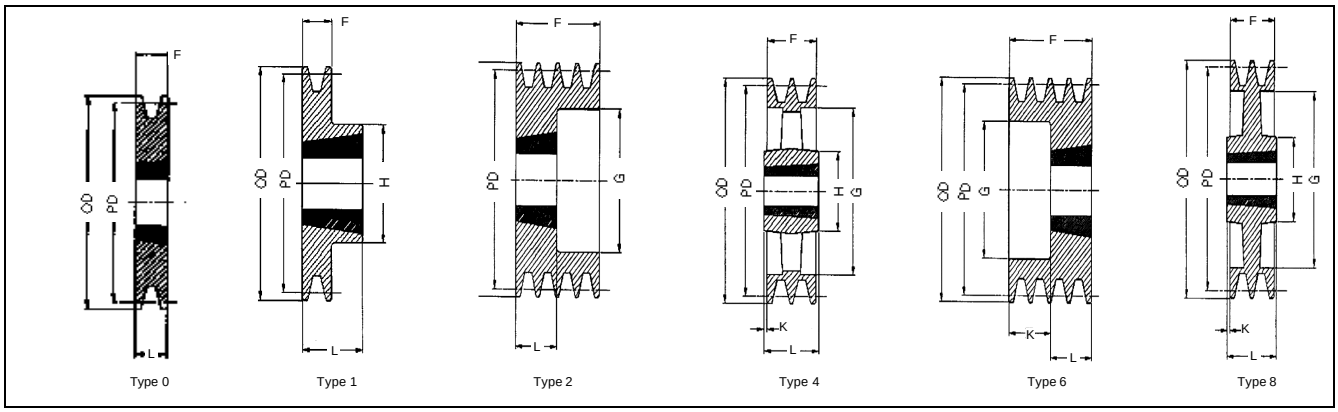
Let Martin quote your made to order and large quantity requirements.



5 Groove F = 80mm												6 Groove F = 95mm									
Part Number	OD	PD SPA Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
5 SPA 100	106	100	3	1610	42	80	69	28	25	—	1,9	6 SPA 100	3	1610	42	95	69	35	25	—	2,2
5 SPA 106	112	106	6	2012	50	80	71	48	32	—	2,1	6 SPA 106	6	2012	50	95	71	63	32	—	2,5
5 SPA 112	124	112	6	2012	50	80	77	48	32	—	2,4	6 SPA 112	6	2012	50	95	77	63	32	—	2,8
5 SPA 118	124	118	2	2012	50	80	84	—	32	—	2,7	6 SPA 118	6	2012	50	95	84	63	32	—	3,1
5 SPA 125	131	125	3	2012	50	80	90	24	32	—	3,1	6 SPA 125	3	2012	50	95	90	32	32	—	3,7
5 SPA 132	138	132	3	2517	60	80	102	18	45	—	3,2	6 SPA 132	3	2517	60	95	102	25	45	—	3,6
5 SPA 140	146	140	3	2517	60	80	108	18	45	—	3,9	6 SPA 140	3	2517	60	95	105	25	45	—	4,5
5 SPA 150	156	150	3	2517	60	80	118	18	45	—	4,7	6 SPA 150	3	2517	60	95	115	25	45	—	5,3
5 SPA 160	166	160	3	2517	60	80	128	18	45	—	5,6	6 SPA 160	3	2517	60	95	125	25	45	—	6,3
5 SPA 170	176	170	3	3020	75	80	138	15	51	—	6,2	6 SPA 170	3	3020	75	95	135	22	51	—	6,9
5 SPA 180	186	180	3	3020	75	80	148	15	51	—	6,8	6 SPA 180	3	3020	75	95	145	22	51	—	7,5
5 SPA 190	196	190	3	3020	75	80	158	15	51	—	7,4	6 SPA 190	3	3020	75	95	155	22	51	—	8,6
5 SPA 200	206	200	3	3020	75	80	168	15	51	—	9,1	6 SPA 200	3	3020	75	95	165	22	51	—	9,9
5 SPA 212	218	212	2	3020	75	80	177	—	51	—	10,7	6 SPA 212	3	3020	75	95	177	22	51	—	11,6
5 SPA 224	230	224	2	3020	75	80	189	—	51	—	12,3	6 SPA 224	3	3020	75	95	189	22	51	—	13,2
5 SPA 236	242	236	2	3020	75	80	200	—	51	—	14,2	6 SPA 236	7	3020	75	95	201	22	51	159	12,3
5 SPA 250	256	250	7	3020	75	80	215	15	51	159	11,7	6 SPA 250	7	3020	75	95	215	22	51	159	12,5
5 SPA 265	271	265	7	3020	75	80	230	8	51	159	14,5	6 SPA 265	7	3020	75	95	230	22	51	159	15,8
5 SPA 280	286	280	7	3525	100	80	245	8	65	191	17,4	6 SPA 280	7	3525	100	95	245	15	65	191	19,0
5 SPA 300	306	300	7	3525	100	80	265	8	65	191	18,7	6 SPA 300	7	3525	100	95	265	15	65	191	20,1
5 SPA 315	321	315	7	3525	100	80	280	8	65	191	20,0	6 SPA 315	7	3525	100	95	280	15	65	191	21,1
5 SPA 335	341	335	7	3525	100	80	299	8	65	191	21,4	6 SPA 335	?	3525	100	95	299	15	65	191	22,3
5 SPA 355	361	355	5	3525	100	80	320	8	65	191	22,8	6 SPA 355	5	3525	100	95	320	15	65	191	23,5
5 SPA 375	381	375	5	3525	100	80	339	8	65	191	23,8	6 SPA 375	5	3525	100	95	339	15	65	191	24,8
5 SPA 400	406	400	5	3525	100	80	365	8	65	191	24,8	6 SPA 400	5	3525	100	95	365	15	65	191	26,0
5 SPA 425	431	425	5	3525	100	80	389	8	65	191	26,7	6 SPA 425	5	3525	100	95	389	15	65	191	28,0
5 SPA 450	456	450	5	3525	100	80	415	8	65	191	28,5	6 SPA 450	5	3525	100	95	415	15	65	191	30,0
5 SPA 475	481	475	5	3525	100	80	439	8	65	191	30,1	6 SPA 475	5	3525	100	95	439	15	65	191	32,0
5 SPA 500	506	500	5	3525	100	80	465	8	65	191	31,7	6 SPA 500	5	3525	100	95	465	15	65	191	34,0
5 SPA 530	536	530	5	3525	100	80	494	8	65	191	33,3	6 SPA 530	5	3525	100	95	494	15	65	191	36,5
5 SPA 560	566	560	5	3525	100	80	525	8	65	191	35,0	6 SPA 560	5	3525	100	95	525	10	65	191	39,0
5 SPA 630	636	630	5	3525	100	80	595	8	65	191	42,0	6 SPA 630	5	4030	115	95	595	10	76	216	53,5
5 SPA 710	716	710	5	4030	115	80	675	2	76	216	56,3	6 SPA 710	5	4030	115	95	675	10	76	216	65,0
5 SPA 800	806	800	5	4030	115	80	765	2	76	216	60,0	6 SPA 800	5	4030	115	95	765	10	76	216	70,0
5 SPA 900	906	900	5	4030	115	80	866	2	76	216	63,7	6 SPA 900	5	4030	115	95	866	10	76	216	75,5
5 SPA 1000	1006	1000	4	4545	110	80	964	18	115	240	70,0	6 SPA 1000	4	4545	110	95	964	10	115	240	85,5

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

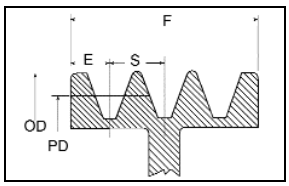
SPB Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPB	12,5	19	P.D. + 3,50

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves

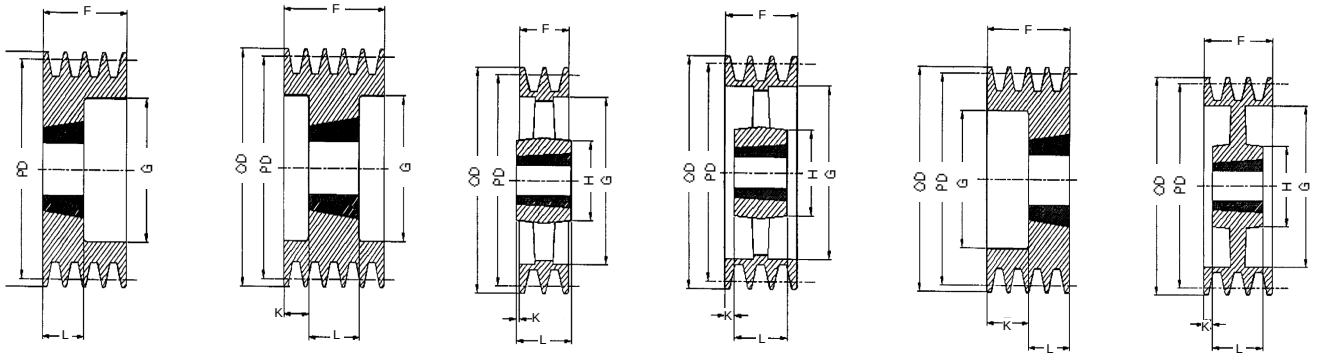


F = S(N-1) + 2E
N = No. of Grooves
SPB Taper Bushed Pulley

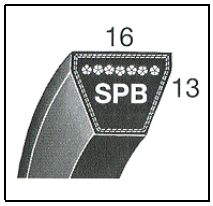
1 Groove F = 25mm												2 Groove F = 44mm								
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
1 SPB 100	107	100	0	1610	42	25	—	—	25	—	0,8	2 SPB 100	6	1610	42	44	60	19	25	—	1,3
1 SPB 106	113	106	0	1610	42	25	—	—	25	—	1,0	2 SPB 106	6	1610	42	44	65	19	25	—	1,5
1 SPB 112	119	112	0	1610	42	25	—	—	25	—	1,2	2 SPB 112	6	2012	50	44	69	12	32	—	1,5
1 SPB 118	125	118	0	1610	42	25	—	—	25	—	1,5	2 SPB 118	6	2012	50	44	76	12	32	—	1,7
1 SPB 125	132	125	0	1610	42	25	—	—	25	—	1,5	2 SPB 125	2	2012	50	44	90	—	32	—	2,0
1 SPB 132	139	132	0	1610	42	25	—	—	25	—	1,8	2 SPB 132	2	2012	50	44	89	—	32	—	2,4
1 SPB 140	147	140	0	1610	42	25	—	—	25	—	2,1	2 SPB 140	2	2012	50	44	97	—	32	—	2,8
1 SPB 150	157	150	0	1610	42	25	—	—	25	—	2,5	2 SPB 150	2	2012	50	44	107	—	32	—	3,3
1 SPB 160	167	160	0	1610	42	25	—	—	25	—	2,9	2 SPB 160	2	2012	50	44	117	12	32	—	4,0
1 SPB 170	177	170	0	1610	42	25	—	—	25	—	3,0	2 SPB 170	2	2012	50	44	127	12	32	—	4,4
1 SPB 180	187	180	0	1610	42	25	—	—	25	—	3,8	2 SPB 180	1	2517	60	44	—	—	45	120	5,5
1 SPB 190	197	190	1	2012	50	25	—	—	32	112	4,4	2 SPB 190	1	2517	60	44	—	—	45	120	6,5
1 SPB 200	207	200	1	2012	50	25	—	—	32	106	4,0	2 SPB 200	1	2517	60	44	—	—	45	124	7,5
1 SPB 212	219	212	8	2012	50	25	169	—	32	106	5,2	2 SPB 212	8	2517	60	44	169	—	45	125	7,0
1 SPB 224	231	224	8	2012	50	25	181	—	32	106	5,2	2 SPB 224	8	2517	60	44	181	—	45	125	7,7
1 SPB 236	243	236	8	2012	50	25	193	—	32	106	5,4	2 SPB 236	8	2517	60	44	193	—	45	125	8,3
1 SPB 250	257	250	8	2012	50	25	207	—	32	106	6,2	2 SPB 250	8	2517	60	44	207	—	45	125	8,6
1 SPB 265	272	265	8	2012	50	25	218	3,5	32	106	6,3	2 SPB 265	8	2517	60	44	224	0,5	45	124	9,3
1 SPB 280	287	280	8	2012	50	25	237	3,5	32	106	6,5	2 SPB 280	8	2517	60	44	237	—	45	125	10,1
1 SPB 300	307	300	8	2012	50	25	257	3,5	32	116	7,0	2 SPB 300	8	2517	60	44	257	0,5	45	125	11,0
1 SPB 315	322	315	8	2012	50	25	272	10	32	116	7,5	2 SPB 315	8	2517	60	44	272	—	45	125	12,2
1 SPB 335	342	335	8	2517	60	25	288	13	45	125	8,5	2 SPB 335	8	2517	60	44	292	0,5	45	125	14,0
1 SPB 355	362	355	8	3020	75	25	312	13	51	146	9,5	2 SPB 355	8	3020	75	44	312	4	51	146	15,9
1 SPB 375	382	375	8	3020	75	25	328	13	51	146	10,5	2 SPB 375	8	3020	75	44	331	4	51	146	17,1
1 SPB 400	407	400	8	3020	75	25	353	13	51	146	11,0	2 SPB 400	8	3020	75	44	357	4	51	146	18,3
1 SPB 425	432	425	4	3020	75	25	378	13	51	146	11,5	2 SPB 425	4	3020	75	44	381	4	51	146	16,0
1 SPB 450	457	450	4	3020	75	25	407	13	51	146	12,3	2 SPB 450	4	3020	75	44	407	4	51	146	16,3
1 SPB 475	482	475	4	3020	75	25	432	13	51	146	13,4	2 SPB 475	4	3020	75	44	431	4	51	146	17,5
1 SPB 500	507	500	4	3020	75	25	457	13	51	146	14,6	2 SPB 500	4	3020	75	44	457	4	51	146	18,6
1 SPB 530	537	530	4	3020	75	25	484	13	51	146	15,2	2 SPB 530	4	3020	75	44	484	4	51	146	19,2
1 SPB 560	567	560	4	3020	75	25	517	13	51	146	18,5	2 SPB 560	4	3020	75	44	517	4	51	146	22,5
1 SPB 630	637	630	4	3020	75	25	583	13	51	146	20,5	2 SPB 630	4	3020	75	44	587	4	51	146	25,5
												2 SPB 710	4	3020	75	44	664	16	51	145	28,0
												2 SPB 800	4	3525	100	44	753	11	65	191	32,1

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

Taper Bushed Pulley SPB



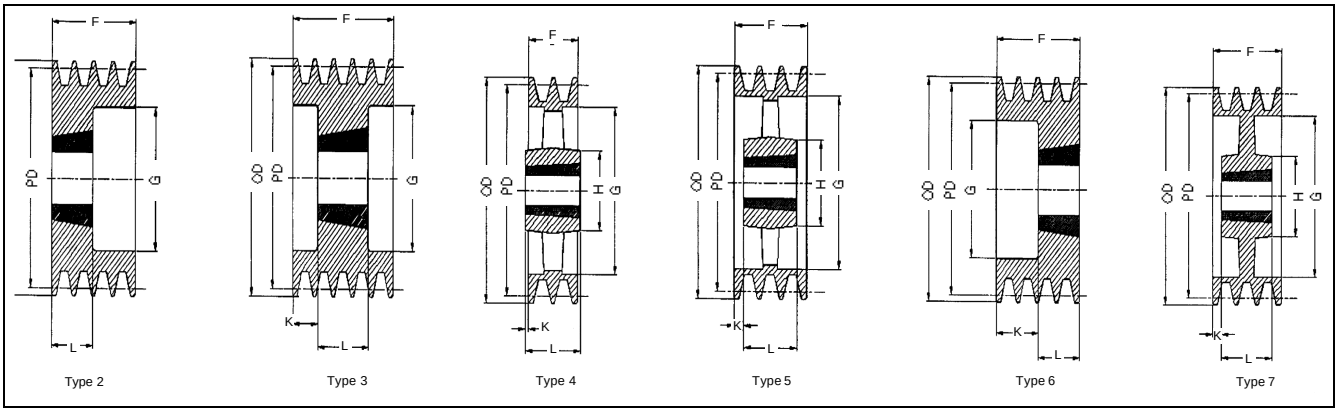
Let Martin quote your made to order and large quantity requirements.



3 Groove F = 63mm												4 Groove F = 82mm									
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
3 SPB 100	107	100	6	1610	42	63	60	38	25	—	0,9	4 SPB 100	3	1210	32	82	58	29	25	—	2,4
3 SPB 106	113	106	6	1610	42	63	65	38	25	—	2,0	4 SPB 106	3	1610	42	82	65	29	25	—	2,3
3 SPB 112	119	112	6	2012	50	63	69	31	32	—	2,0	4 SPB 112	3	1610	42	82	65	29	25	—	2,8
3 SPB 118	125	118	6	2012	50	63	76	31	32	—	2,3	4 SPB 118	3	1610	42	82	71	29	25	—	3,3
3 SPB 125	132	125	2	2012	50	63	90	—	32	—	2,5	4 SPB 125	3	2012	50	82	90	25	32	—	3,0
3 SPB 132	139	132	2	2012	50	63	89	—	32	—	3,1	4 SPB 132	3	2012	50	82	89	25	32	—	3,8
3 SPB 140	147	140	2	2012	50	63	97	—	32	—	3,5	4 SPB 140	3	2517	60	82	98	19	45	—	4,0
3 SPB 150	157	150	2	2517	60	63	107	—	45	—	4,0	4 SPB 150	3	2517	60	82	107	19	45	—	4,9
3 SPB 160	167	160	6	2517	60	63	117	18	45	—	4,9	4 SPB 160	3	2517	60	82	117	19	45	—	5,8
3 SPB 170	177	170	2	2517	60	63	127	18	45	—	5,7	4 SPB 170	3	2517	60	82	127	19	45	—	6,6
3 SPB 180	187	180	2	2517	60	63	137	18	45	—	6,7	4 SPB 180	3	2517	60	82	137	19	45	—	7,7
3 SPB 190	197	190	2	2517	60	63	147	18	45	—	7,6	4 SPB 190	3	2517	60	82	147	19	45	—	8,6
3 SPB 200	207	200	2	2517	60	63	157	—	45	—	8,9	4 SPB 200	2	3020	75	82	157	—	51	—	9,3
3 SPB 212	219	212	7	2517	60	63	169	0	45	125	8,2	4 SPB 212	2	3020	75	82	169	—	51	—	10,9
3 SPB 224	231	224	7	2517	60	63	181	0	45	125	9,1	4 SPB 224	2	3020	75	82	181	—	51	—	12,4
3 SPB 236	243	236	7	2517	60	63	193	0	45	125	9,8	4 SPB 236	2	3020	75	82	193	—	51	—	14,1
3 SPB 250	257	250	7	3020	75	63	207	0	51	146	11,2	4 SPB 250	7	3020	75	82	207	—	51	146	12,7
3 SPB 265	272	265	7	3020	75	63	218	6	51	146	11,6	4 SPB 265	7	3020	75	82	222	16	51	146	12,6
3 SPB 280	287	280	7	3020	75	63	237	6	51	146	12,0	4 SPB 280	7	3020	75	82	237	16	51	146	13,8
3 SPB 300	307	300	7	3020	75	63	257	6	51	146	13,5	4 SPB 300	7	3525	100	82	257	9	65	191	20,5
3 SPB 315	322	315	7	3020	75	63	272	6	51	146	14,2	4 SPB 315	7	3525	100	82	272	9	65	191	20,6
3 SPB 335	342	335	7	3020	75	63	292	6	51	146	16,0	4 SPB 335	7	3525	100	82	292	9	65	191	22,0
3 SPB 355	402	355	7	3020	75	63	312	6	51	146	17,7	4 SPB 355	7	3525	100	82	312	9	65	191	23,2
3 SPB 375	382	375	7	3020	75	63	332	6	51	146	21,4	4 SPB 375	7	3525	100	82	335	9	65	191	24,9
3 SPB 400	407	400	8	3525	100	63	357	1	65	191	25,0	4 SPB 400	7	3525	100	82	357	9	65	191	26,5
3 SPB 425	432	425	4	3525	100	63	381	1	65	191	25,7	4 SPB 425	5	3525	100	82	381	9	65	191	28,1
3 SPB 450	457	450	4	3525	100	63	407	1	65	191	26,3	4 SPB 450	5	3525	100	82	407	9	65	191	29,7
3 SPB 475	482	475	4	3525	100	63	431	1	65	191	28,1	4 SPB 475	5	3525	100	82	431	9	65	191	32,2
3 SPB 500	507	500	4	3525	100	63	457	1	65	191	29,9	4 SPB 500	5	3525	100	82	457	9	65	191	34,7
3 SPB 530	537	530	4	3525	100	63	484	1	65	191	33,6	4 SPB 530	5	3525	100	82	484	9	65	191	36,9
3 SPB 560	567	560	4	3525	100	63	517	1	65	191	37,2	4 SPB 560	5	3525	100	82	517	9	65	191	39,0
3 SPB 630	637	630	4	3525	100	63	587	1	65	191	41,0	4 SPB 630	5	3525	100	82	587	9	65	191	44,5
3 SPB 710	717	710	4	3525	100	63	667	1	65	191	48,0	4 SPB 710	5	3525	100	82	667	9	65	191	50,5
3 SPB 800	807	800	4	3525	100	63	757	1	65	191	55,0	4 SPB 800	5	4030	115	82	757	3	76	215	60,5
3 SPB 900	907	900	4	3525	100	63	857	1	65	191	64,1	4 SPB 900	5	4030	115	82	857	3	76	215	70,0
3 SPB 1000	1007	1000	4	4030	115	63	957	7	76	215	72,0	4 SPB 1000	5	4030	115	82	957	3	76	215	76,5
3 SPB 1120	1127	1120	4	4030	115	63	1077	7	76	215	110,5	4 SPB 1120	5	4030	115	82	1077	3	76	215	121,7
3 SPB 1250	1257	1250	4	5040	125	63	1207	20	102	265	140,0	4 SPB 1250	4	5040	125	82	1207	10	102	265	162,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

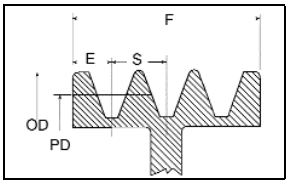
SPB Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPB	12,5	19	P.D. + 3,50

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves

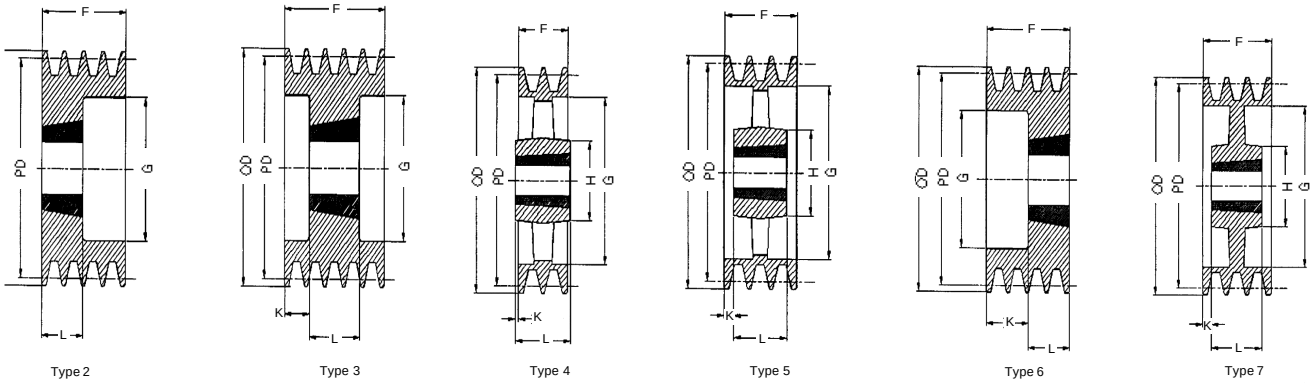


F = S(N-1) + 2E
N = No. of Grooves
SPB Taper Bushed Pulley

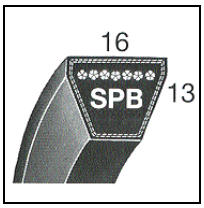
5 Groove F = 101mm												6 Groove F = 120mm								
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
5 SPB 100	107	100	3	1615	42	101	60	32	38	—	2,8	6 SPB 100	3	1615	42	120	60	41	38	—	3,0
5 SPB 106	113	106	3	1615	42	101	65	32	38	—	3,0	6 SPB 106	3	1615	42	120	65	41	38	—	3,3
5 SPB 112	119	112	3	1615	42	101	69	32	38	—	3,2	6 SPB 112	3	1615	42	120	69	41	38	—	3,6
5 SPB 118	125	118	3	1615	42	101	71	32	38	—	3,4	6 SPB 118	3	1615	42	120	71	41	38	—	3,9
5 SPB 125	132	125	6	2012	50	101	87	69	32	—	3,6	6 SPB 125	3	2012	50	120	85	44	32	—	4,2
5 SPB 132	139	132	6	2517	60	101	94	56	45	—	3,8	6 SPB 132	3	2012	50	120	92	44	45	—	4,5
5 SPB 140	147	140	3	2517	50	101	106	28	45	—	4,2	6 SPB 140	3	2517	60	120	106	38	45	—	4,7
5 SPB 150	157	150	3	2517	60	101	107	28	45	—	5,7	6 SPB 150	3	2517	60	120	107	38	51	—	6,5
5 SPB 160	167	160	3	2517	60	101	117	28	45	—	6,7	6 SPB 160	3	3020	75	120	123	35	51	—	5,9
5 SPB 170	177	170	3	3020	75	101	127	25	51	—	6,7	6 SPB 170	3	3020	75	120	127	35	51	—	7,6
5 SPB 180	187	180	3	3020	75	101	137	25	51	—	7,8	6 SPB 180	3	3020	75	120	137	35	51	—	8,9
5 SPB 190	197	190	3	3020	75	101	147	25	51	—	9,1	6 SPB 190	3	3020	75	120	147	35	51	—	10,2
5 SPB 200	207	200	3	3020	75	101	157	25	51	—	10,3	6 SPB 200	3	3020	75	120	157	35	51	—	11,7
5 SPB 212	219	212	3	3020	75	101	169	25	51	—	12,2	6 SPB 212	3	3525	100	120	169	28	65	—	13,2
5 SPB 224	231	224	3	3020	75	101	181	25	51	—	13,7	6 SPB 224	3	3525	100	120	181	28	65	—	15,2
5 SPB 236	243	236	3	3525	100	101	193	18	65	—	15,9	6 SPB 236	3	3525	100	120	193	28	65	—	17,6
5 SPB 250	257	250	3	3525	100	101	207	18	65	—	18,6	6 SPB 250	3	3525	100	120	207	28	65	—	20,2
5 SPB 265	272	265	7	3525	100	101	224	18	65	191	20,0	6 SPB 265	7	3525	100	120	224	28	65	191	21,8
5 SPB 280	287	280	7	3525	100	101	237	18	65	191	21,4	6 SPB 280	7	3525	100	120	237	28	65	191	23,5
5 SPB 300	307	300	7	3525	100	101	257	18	65	191	22,5	6 SPB 300	7	3525	100	120	257	28	65	191	24,0
5 SPB 315	322	315	7	3525	100	101	272	18	65	191	22,3	6 SPB 315	7	3525	100	120	272	28	65	191	24,1
5 SPB 335	342	335	7	3525	100	101	292	18	65	191	24,0	6 SPB 335	7	3525	100	120	292	28	65	191	26,0
5 SPB 355	362	355	7	3525	100	101	312	18	65	191	25,5	6 SPB 355	7	3525	100	120	312	28	65	191	28,3
5 SPB 375	382	375	7	3525	100	101	332	18	65	191	27,9	6 SPB 375	7	3525	100	120	332	28	65	191	30,1
5 SPB 400	407	400	7	3525	100	101	357	18	65	191	30,2	6 SPB 400	7	3525	100	120	357	28	65	191	31,8
5 SPB 425	432	425	5	3525	100	101	381	18	65	191	31,0	6 SPB 425	5	3525	100	120	381	28	65	191	33,6
5 SPB 450	457	450	5	3525	100	101	407	18	65	191	32,8	6 SPB 450	5	3525	100	120	407	28	65	191	35,3
5 SPB 475	482	475	5	3525	100	101	431	18	65	191	34,7	6 SPB 475	5	3525	100	120	431	28	65	191	38,0
5 SPB 500	507	500	5	3525	100	101	457	18	65	191	36,7	6 SPB 500	5	3525	100	120	457	28	65	191	40,7
5 SPB 530	537	530	5	3525	100	101	484	18	65	191	41,1	6 SPB 530	5	3525	100	120	484	28	65	191	45,0
5 SPB 560	567	560	5	3525	100	101	517	18	65	191	45,6	6 SPB 560	5	3525	100	120	517	28	65	191	49,2
5 SPB 630	637	630	5	3525	100	101	587	18	65	191	50,0	6 SPB 630	5	3525	100	120	587	28	65	191	53,5
5 SPB 710	717	710	5	4030	115	101	667	12,5	76	215	63,5	6 SPB 710	5	4535	125	120	667	16	89	240	69,0
5 SPB 800	807	800	5	4030	115	101	757	12,5	76	215	67,0	6 SPB 800	5	4535	125	120	757	16	89	240	84,5
5 SPB 900	907	900	5	4535	115	101	857	6	89	240	103,0	6 SPB 900	5	4535	125	120	857	16	89	240	94,5
5 SPB 1000	1007	1000	5	4535	125	101	957	6	89	240	110,0	6 SPB 1000	5	4535	125	120	957	16	89	240	104,0
5 SPB 1120	1127	1120	5	4535	125	101	1077	6	89	240	143,0	6 SPB 1120	5	4535	125	120	1077	16	89	240	170,0
5 SPB 1250	1257	1250	4	5040	125	101	1207	0,5	102	265	180,0	6 SPB 1250	5	5040	125	120	1207	9	102	265	210,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

Taper Bushed Pulley SPB



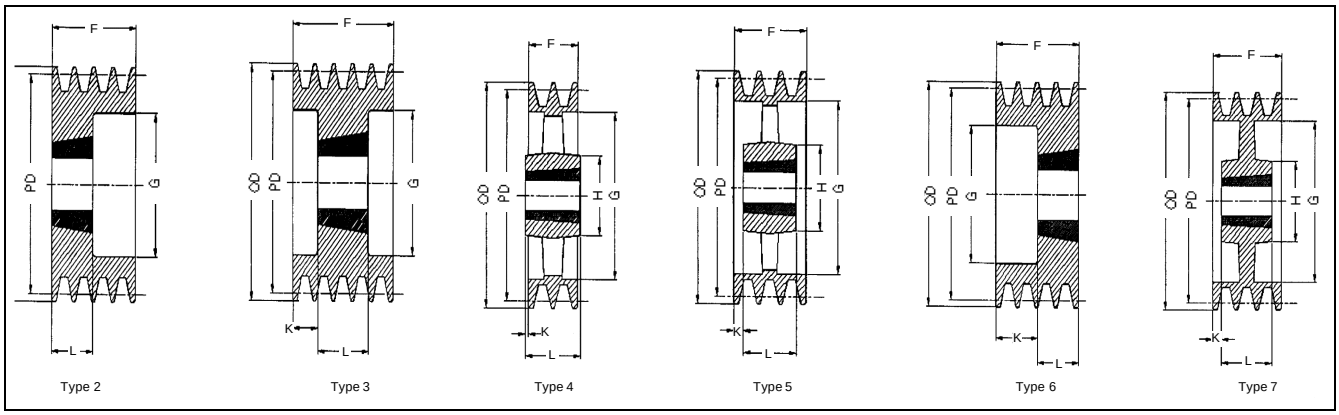
Let Martin quote your made to order and large quantity requirements.



8 Groove F = 158mm												10 Groove F = 196mm									
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
8 SPB 160	167	160	3	3020	75	158	117	54	51	—	8,3										
8 SPB 170	177	170	3	3020	75	158	123	54	51	—	9,5										
8 SPB 180	187	180	3	3020	75	158	137	54	51	—	10,8										
8 SPB 190	197	190	3	3020	75	158	147	54	51	—	12,3										
8 SPB 200	207	200	3	3525	100	158	157	47	65	—	13,7										
8 SPB 212	219	212	3	3525	100	158	169	47	65	—	15,8										
8 SPB 224	231	224	3	3525	100	158	181	47	65	—	17,9	10 SPB 224	3	3525	90	196	184	67	89	—	20,5
8 SPB 236	243	236	3	3525	100	158	193	47	65	—	20,0	10 SPB 236	3	3525	90	196	198	67	89	—	22,6
8 SPB 250	257	250	3	3525	100	158	207	47	65	—	23,2	10 SPB 250	3	3525	90	196	204	67	89	—	26,6
8 SPB 265	272	265	3	3525	90	158	218	47	65	—	25,0										
8 SPB 280	287	280	7	3525	100	158	237	47	65	191	26,6	10 SPB 280	7	3525	90	196	239	67	89	191	27,8
8 SPB 300	307	300	7	3525	100	158	257	47	65	191	27,3										
8 SPB 315	322	315	7	3525	100	158	272	47	65	191	28,0	10 SPB 315	7	3525	90	196	274	67	89	191	28,8
8 SPB 335	342	335	7	3525	100	158	292	47	65	191	30,5	10 SPB 335	5	4030	100	196	294	60	102	210	32,0
8 SPB 355	362	355	7	3525	100	158	312	47	65	191	31,5	10 SPB 355	5	4030	100	196	317	60	102	210	33,5
8 SPB 375	382	375	7	3525	90	158	335	47	65	191	37,3										
8 SPB 400	407	400	7	3525	100	158	357	47	65	191	43,0	10 SPB 400	5	4030	100	196	362	60	102	210	36,0
8 SPB 425	432	425	5	3525	100	158	381	47	65	191	44,5										
8 SPB 450	457	450	5	3525	100	158	396	47	65	191	46,0	10 SPB 450	5	4535	110	196	410	54	115	242	47,0
8 SPB 475	482	475	5	3525	100	158	432	47	65	191	49,5										
8 SPB 500	507	500	5	3525	100	158	457	47	65	191	52,0	10 SPB 500	5	4535	110	196	460	54	115	240	55,0
8 SPB 530	537	530	5	4030	115	158	484	41	76	215	53,0										
8 SPB 560	567	560	5	4030	115	158	487	41	76	215	54,5										
8 SPB 630	637	630	5	4030	125	158	590	41	76	215	67,0	10 SPB 630	5	4535	110	196	590	54	115	242	66,0
8 SPB 710	717	710	5	4535	125	158	667	35	89	240	75,5	10 SPB 710	5	4535	125	196	667	41	115	240	75,0
8 SPB 800	807	800	5	4535	125	158	757	35	89	240	94,5	10 SPB 800	5	4535	125	196	757	41	115	240	96,0
8 SPB 900	907	900	5	4535	125	158	857	35	89	240	113,5	10 SPB 900	5	5050	125	196	858	35	127	265	119,0
8 SPB 1000	1007	1000	5	5040	125	158	957	28	102	265	121,5	10 SPB 1000	5	5050	125	196	954	35	127	265	141,0
8 SPB 1120	1127	1120	5	5040	125	158	1077	28	102	265	182,2	10 SPB 1120	5	5050	125	196	1073	35	127	265	200,0
8 SPB 1250	1257	1250	5	5040	125	158	1207	28	102	265	242,0	10 SPB 1250	5	5050	125	196	1203	35	127	265	265,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

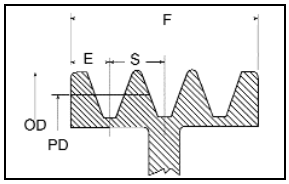
SPC Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPC	17,0	25,5	P.D. + 4,80

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves

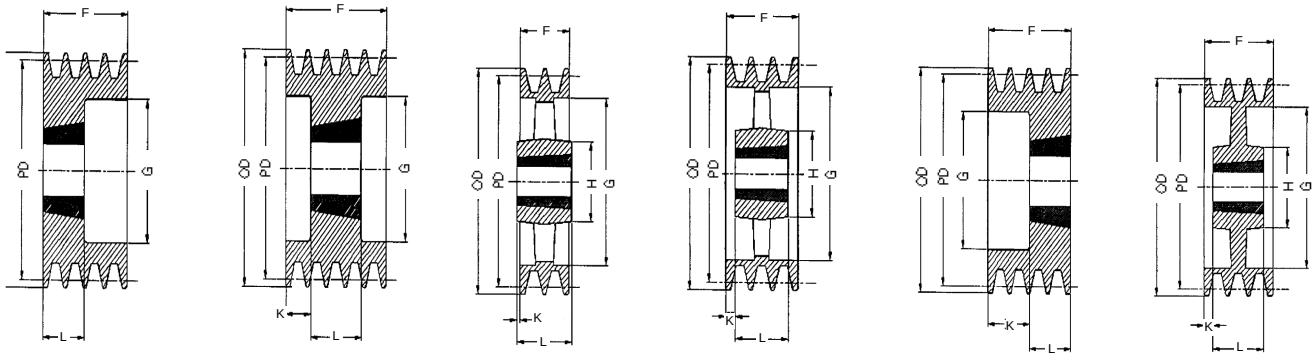


F = S(N-1) + 2E
N = No. of Grooves
SPC Taper Bushed Pulley

3 Groove F = 85mm												4 Groove F = 111mm								
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
3 SPC 200	210	200	3	2517	60	85	144	20	45	—	10,2	4 SPC 200	3	3020	75	111	144	30	51	—	11,3
3 SPC 212	222	212	3	3020	75	85	156	17	51	—	11,2	4 SPC 212	3	3020	75	111	156	30	51	—	13,0
3 SPC 224	234	224	3	3020	75	85	168	17	51	—	12,7	4 SPC 224	3	3525	100	111	168	23	65	—	14,5
3 SPC 236	246	236	3	3020	75	85	180	17	51	—	14,4	4 SPC 236	3	3525	100	111	180	23	65	—	16,7
3 SPC 250	260	250	3	3020	75	85	194	17	51	—	16,5	4 SPC 250	3	3525	100	111	194	23	65	—	19,3
3 SPC 265	275	265	3	3525	100	85	209	10	65	—	19,7	4 SPC 265	3	3525	100	111	209	23	65	—	22,4
3 SPC 280	290	280	3	3525	100	85	224	10	65	—	22,7	4 SPC 280	3	3525	100	111	224	23	65	—	25,4
3 SPC 300	310	300	7	3525	100	85	244	10	65	191	22,7	4 SPC 300	7	3525	100	111	244	23	65	191	25,4
3 SPC 315	325	315	7	3525	100	85	259	10	65	191	22,0	4 SPC 315	7	3525	100	111	259	23	65	191	25,3
3 SPC 335	345	335	7	3525	100	85	279	10	65	191	24,1	4 SPC 335	7	3525	100	111	279	23	65	191	27,4
3 SPC 355	365	355	7	3525	100	85	299	10	65	191	26,2	4 SPC 355	7	3525	100	111	299	23	65	191	29,6
3 SPC 375	385	375	7	3525	100	85	319	10	65	191	28,0	4 SPC 375	7	3525	100	111	319	23	65	191	31,3
3 SPC 400	410	400	7	3525	100	85	344	10	65	191	29,3	4 SPC 400	7	3525	100	111	344	23	65	191	33,8
3 SPC 425	435	425	5	3525	100	85	369	10	65	191	32,8	4 SPC 425	5	3525	100	111	369	23	65	191	38,0
3 SPC 450	460	450	5	3525	100	85	394	10	65	191	34,7	4 SPC 450	5	3525	100	111	394	23	65	191	41,3
3 SPC 475	485	475	5	3525	100	85	419	10	65	191	36,5	4 SPC 475	5	3525	100	111	419	23	65	191	43,7
3 SPC 500	510	500	5	3525	100	85	444	10	65	191	40,0	4 SPC 500	5	3525	100	111	444	23	65	191	46,0
3 SPC 530	540	530	5	3525	100	85	474	10	65	191	42,5	4 SPC 530	5	3525	100	111	474	23	65	191	52,0
3 SPC 560	570	560	5	3525	100	85	504	10	65	191	45,9	4 SPC 560	5	3525	100	111	504	23	65	191	58,0
3 SPC 630	640	630	5	4030	115	85	574	5	76	215	76,3	4 SPC 630	5	4030	115	111	574	18	76	215	63,8
3 SPC 710	720	710	5	4030	115	85	654	5	76	215	81,6	4 SPC 710	5	4535	125	111	654	11	89	240	83,2
3 SPC 800	810	800	4	4535	125	85	744	2	89	240	87,0	4 SPC 800	5	5040	125	111	744	4	102	265	102,5
3 SPC 900	910	900	4	4535	125	85	840	2	89	240	103,5	4 SPC 900	5	5040	125	111	840	4	102	265	116,3
3 SPC 1000	1010	1000	4	5040	125	85	940	9	102	265	120,0	4 SPC 1000	5	5040	125	111	940	4	102	265	130,0
3 SPC 1120	1130	1120	4	5040	125	85	1060	9	102	265	147,5	4 SPC 1120	5	5040	125	111	1060	4	102	265	158,0
3 SPC 1250	1260	1250	4	5040	125	85	1190	9	102	265	175,0	4 SPC 1250	5	5040	125	111	1190	4	102	265	186,0

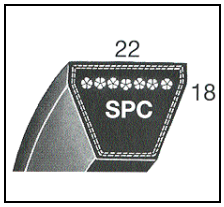
Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

Taper Bushed Pulley SPC



Type 2 Type 3 Type 4 Type 5 Type 6 Type 7

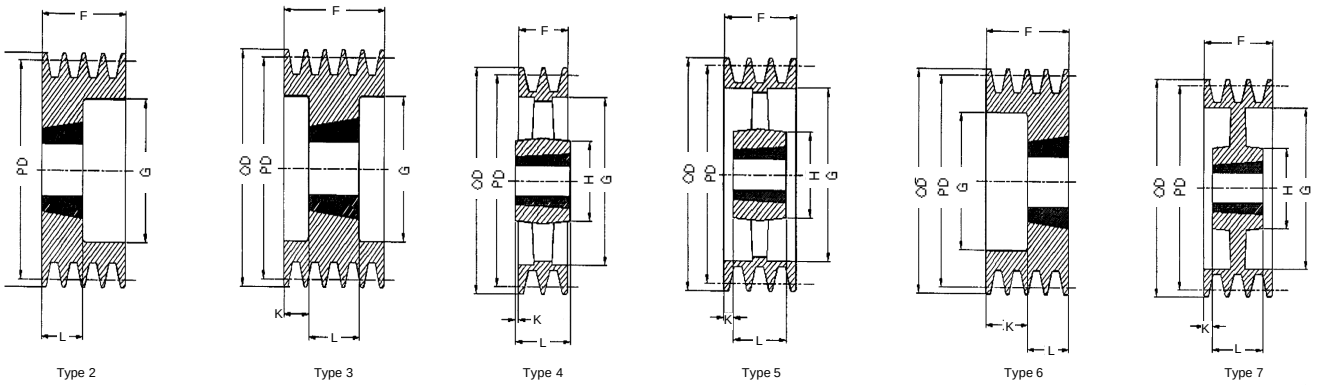
Let Martin quote your made to order and large quantity requirements.



5 Groove F = 136mm												6 Groove F = 162mm									
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
5 SPC 200	210	200	3	3525	100	136	145	36	65	—	12,2	6 SPC 200	3	3525	100	162	144	48	65	—	14,1
5 SPC 212	222	212	3	3525	100	136	156	36	65	—	14,5	6 SPC 212	3	3525	100	162	156	48	65	—	16,5
5 SPC 224	234	224	3	3525	100	136	168	36	65	—	16,6	6 SPC 224	3	3525	100	162	168	48	65	—	18,0
5 SPC 236	246	236	3	3525	100	136	180	36	65	—	18,9	6 SPC 236	3	3525	100	162	180	48	65	—	21,3
5 SPC 250	260	250	3	3525	100	136	194	36	65	—	21,5	6 SPC 250	3	3525	100	162	194	48	65	—	29,0
5 SPC 265	275	265	3	3525	100	136	209	36	65	—	25,0	6 SPC 265	3	3525	100	162	209	48	65	—	30,3
5 SPC 280	290	280	3	3525	100	136	224	36	65	—	28,4	6 SPC 280	3	3525	100	162	224	48	65	—	31,5
5 SPC 300	310	300	7	3525	100	136	244	36	65	191	28,2	6 SPC 300	7	3525	100	162	244	48	65	191	31,5
5 SPC 315	325	315	7	3525	100	136	259	36	65	191	28,1	6 SPC 315	7	3525	100	162	259	48	65	191	33,2
5 SPC 335	345	335	7	3525	100	136	279	36	65	191	31,1	6 SPC 335	7	3525	100	162	279	48	65	191	37,5
5 SPC 355	365	355	7	3525	100	136	299	36	65	191	33,1	6 SPC 355	7	3525	100	162	299	48	65	191	40,5
5 SPC 375	385	375	7	3525	100	136	319	36	65	191	35,6	6 SPC 375	7	3525	100	162	319	48	65	191	44,5
5 SPC 400	410	400	7	3525	100	136	344	36	65	191	38,5	6 SPC 400	5	3525	100	162	344	48	65	191	48,0
5 SPC 425	435	425	5	3525	100	136	369	36	65	191	42,5	6 SPC 425	5	4535	125	162	369	36	89	240	51,0
5 SPC 450	460	450	5	3525	100	136	394	36	65	191	44,3	6 SPC 450	5	4535	125	162	394	36	89	240	57,5
5 SPC 475	485	475	5	3525	100	136	419	36	65	191	48,5	6 SPC 475	5	4535	125	162	419	36	89	240	62,0
5 SPC 500	510	500	5	3525	100	136	444	36	65	191	51,0	6 SPC 500	5	4535	125	162	444	36	89	240	67,0
5 SPC 530	540	530	5	4535	125	136	474	24	89	240	66,0	6 SPC 530	5	4535	125	162	474	36	89	240	74,5
5 SPC 560	570	560	5	4535	125	136	504	24	89	240	66,7	6 SPC 560	5	4535	125	162	504	36	89	240	77,5
5 SPC 630	640	630	5	4535	125	136	574	24	89	240	73,0	6 SPC 630	5	4535	125	162	574	36	89	240	88,5
5 SPC 710	720	710	5	5040	125	136	654	17	102	265	93,0	6 SPC 710	5	5040	125	162	654	30	102	265	107,3
5 SPC 800	810	800	5	5040	125	136	744	17	102	265	119,0	6 SPC 800	5	5040	125	162	744	30	102	265	126,0
5 SPC 900	910	900	5	5040	125	136	840	17	102	265	133,0	6 SPC 900	5	5040	125	162	840	30	102	265	155,5
5 SPC 1000	1010	1000	5	5040	125	136	940	17	102	265	147,0	6 SPC 1000	5	5040	125	162	940	30	102	265	185,0
5 SPC 1120	1130	1120	5	5040	125	136	1060	17	102	265	178,5	6 SPC 1120	5	5040	125	162	1060	30	102	265	221,5
5 SPC 1250	1260	1250	5	5040	125	136	1190	17	102	265	210,0	6 SPC 1250	5	5040	125	162	1190	30	102	265	258,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

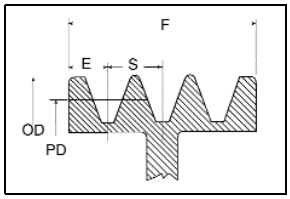
SPC Taper Bushed Pulley



Pulley Groove Dimensions (ISO Standard)

Belt Section	E	S	O.D.
SPC	17,0	25,5	P.D. + 4,80

Dimensions in millimeters.
F= S(N-1)+2E
N= No. of Grooves



F = S(N-1) + 2E
N = No. of Grooves
SPC Taper Bushed Pulley

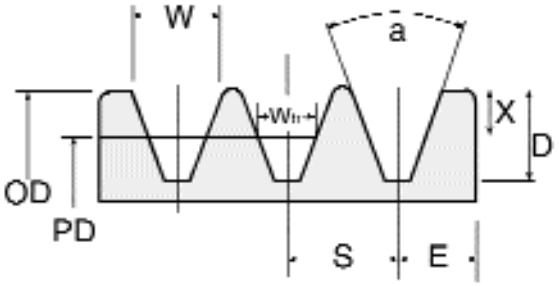
8 Groove F = 213mm												10 Groove F = 264mm								
Part Number	OD	PD SPB Belt	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush	Part Number	Pulley Type	Bush No.	Max. Bore	F	G	K	L	H	Wt. Less Bush
8 SPC 200	210	200	3	3525	100	213	144	74	65	—	20,0										
8 SPC 212	222	212	3	3525	100	213	156	74	65	—	21,3										
8 SPC 224	234	224	3	3525	100	213	168	74	65	—	22,9	10 SPC 224	3	4040	115	264	172	81	102	—	28,0
8 SPC 236	246	236	3	3525	100	213	180	74	65	—	25,9	10 SPC 236	3	4040	115	264	184	81	102	—	30,9
8 SPC 250	260	250	3	3525	100	213	194	74	65	—	29,0	10 SPC 250	3	4040	115	264	197	81	102	—	35,0
8 SPC 265	275	265	3	3525	100	213	209	74	65	—	32,5	10 SPC 265	3	4040	115	264	209	81	102	—	39,5
8 SPC 280	290	280	3	3525	100	213	224	74	65	—	36,1	10 SPC 280	3	4040	115	264	228	81	102	—	42,1
8 SPC 300	310	300	7	3525	100	213	244	74	65	191	37,1	10 SPC 300	3	4040	115	264	248	81	102	—	44,1
8 SPC 315	325	315	7	3525	100	213	259	74	65	191	40,0	10 SPC 315	3	4545	125	264	259	75	114	—	47,0
8 SPC 335	345	335	7	3525	100	213	279	74	65	191	44,0	10 SPC 335	3	4545	125	264	282	75	114	—	51,0
8 SPC 355	365	355	7	3525	100	213	299	74	65	191	49,0	10 SPC 355	3	4545	125	264	302	75	114	—	57,0
8 SPC 375	385	375	7	4030	115	213	319	68	76	215	54,5	10 SPC 375	3	5050	125	264	319	69	127	—	62,5
8 SPC 400	410	400	5	4030	115	213	344	68	76	215	58,0	10 SPC 400	7	5050	125	264	344	69	127	265	66,0
8 SPC 425	435	425	5	4535	125	213	369	62	89	240	63,5	10 SPC 425	7	5050	125	264	393	69	127	265	70,5
8 SPC 450	460	450	5	4535	125	213	394	62	89	240	70,0	10 SPC 450	7	5050	125	264	395	69	127	265	78,0
8 SPC 475	485	475	5	4535	125	213	419	62	89	240	72,0	10 SPC 475	7	5050	125	264	443	69	127	265	82,0
8 SPC 500	510	500	5	4535	125	213	444	62	89	240	82,5	10 SPC 500	7	5050	125	264	445	69	127	265	95,5
8 SPC 530	540	530	5	4535	125	213	474	62	89	240	82,5	10 SPC 530	7	5050	125	264	498	69	127	265	106,5
8 SPC 560	570	560	5	4535	125	213	504	62	89	240	94,5	10 SPC 560	5	5050	125	264	504	69	127	265	94,7
8 SPC 630	640	630	5	4535	125	213	574	62	89	240	102,0	10 SPC 630	5	5050	125	264	574	69	127	265	113,2
8 SPC 710	720	710	5	5040	125	213	654	56	102	265	123,5	10 SPC 710	5	5050	125	264	678	69	127	265	133,5
8 SPC 800	810	800	5	5040	125	213	744	56	102	265	145,0	10 SPC 800	5	5050	125	264	737	69	127	265	160,5
8 SPC 900	910	900	5	5040	125	213	840	56	102	265	176,0	10 SPC 900	5	5050	125	264	868	69	127	265	190,5
8 SPC 1000	1010	1000	5	5040	125	213	940	56	102	265	207,0	10 SPC 1000	5	5050	125	264	937	69	127	265	227,5
8 SPC 1120	1130	1120	5	5040	125	213	1060	56	102	265	246,0	10 SPC 1120	5	5050	125	264	1088	69	127	265	266,0
8 SPC 1250	1260	1250	5	5040	125	213	1190	56	102	265	285,0	10 SPC 1250	5	5050	125	264	1187	69	127	265	300,0

Dimensions in millimeters, weight in kilograms
Weights do not include bushings.

ISO/British Standard Pulleys

GROOVE ANGLE

FILE BREAK ALL SHARP CORNERS



Face Width of Stock and Standard Pulley

Face Width = S(N-1) + 2E
Where:
N = Number of Grooves

PULLEY TOLERANCE

Outside Diameter	
Under 250mm	± 0,6/-0mm
250mm thru 530mm	+ 0,8/-0mm
560mm thru 1250mm	± 1,3/-0mm
Over 1250mm	± 1,5/-0mm
Outside Diameter Radial Run-out	
Under 106mm	0,2mm
106mm thru 160mm	0,3mm
170mm thru 250mm	0,4mm
265mm thru 400mm	0,5mm
425mm thru 630mm	0,6mm
670mm thru 1000mm	0,8mm
1060mm thru 1600mm	1mm
Outside Diameter Axial Run-out	
Under 630mm	not to exceed ,001mm per mm of P.D.
630mm thru 1250mm	not to exceed 0,8mm
Over 1250mm	not to exceed 1mm

Standard Pulleys (ISO Standard)

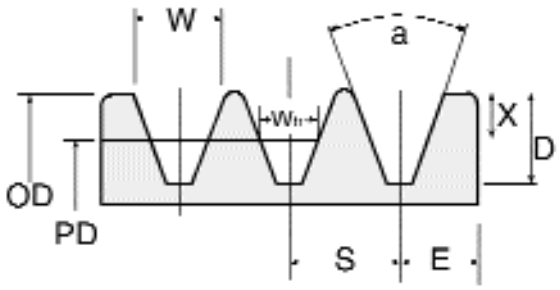
Belt Section	P.D. Range	a° Groove angle +/-0,5°	W +0,2/-0mm	W_b	D +0,6/-0mm	X +0,3/-0mm	S[1] +/-0,2mm	Sum of deviations of S[2]	E +/-0,3mm
SPZ	Up to 80 Over 80	34 38	9,7	8,5	11	2	12	+/-0,6mm	8
SPA	Up to 118 Over 118	34 38	12,7	11	13,8	2,75	15	+/-0,6mm	10
SPB	Up to 190 Over 190	34 38	16,2	14	17,5	3,5	19	+/-0,8mm	12,5
SPC	Up to 315 Over 315	34 38	22	19	23,8	4,8	25,5	+/-1mm	17

Dimensions in millimeters.
1) S dimension - the tolerance shown is between any two grooves.
2) The sum of all deviation from the nominal value S for all grooves in any one pulley shall not exceed the value stated in the table.

Hi-Cap Wedge (MPTA) Groove Dimensions and Tolerances

GROOVE ANGLE

FILE BREAK ALL SHARP CORNERS



Face Width of Stock and Standard Pulleys

Face Width = S(N-1) + 2E
Where:
N = Number of Grooves

HI-CAP WEDGE PULLEYS TOLERANCES

Outside Diameter	
Under 304,8mm	± 0,1mm
304,8mm thru 456,9mm	+ 0,3mm
457,2mm thru 914,4mm	± 0,4mm
Over 914,4mm	± 0,5mm
Outside Diameter Eccentricity	
Under 228,6mm	0,2mm
228,6mm thru 355,3mm	0,3mm
355,6mm thru 914,4mm	0,3mm
Over 914,4mm	0,5mm
Side Wobble And Runout	
508,0mm O.D. & Under	not to exceed ,03mm per mm of diameter
Over 508,0mm O.D.	0,3mm plus ,01mm per mm of O.D.

Standard Pulleys (MPTA Standard)

Belt	Minimum Recommended Outside Diameter	Outside Effective Diameter	a Groove Angle	Groove Dimensions W	D	X	S	E
3V	67,3	Under 88,9	36°	8,9	8,9	0,6	10,3	8,7
		88,9 - 152,4	38°	8,9	8,9	0,6	10,3	8,7
		152,7 - 304,8	40°	8,9	8,9	0,6	10,3	8,7
		Over 304,8	42°	8,9	8,9	0,6	10,3	8,7
5V	180,3	Under 254,0	38°	15,2	15,2	1,3	17,5	12,7
		254,0 - 406,4	40°	15,2	15,2	1,3	17,5	12,7
		Over 406,4	42°	15,2	15,2	1,3	17,5	12,7
8V	317,5	Under 406,4	38°	25,4	25,4	2,5	28,6	19,1
		406,4 - 569,0	40°	25,4	25,4	2,5	28,6	19,1
		Over 569,0	42°	25,4	25,4	2,5	28,6	19,1

Dimensions in millimeters.

MPTA — Mechanical Power Transmission Association of America.

Martin stocks a complete line of Hi-Cap and conventional pulleys, both Taper Bushed and “QD” style bushings. Up to 12 grooves from “A” section through “D” section and 3V through 8V. Call Martin for your special requirements.

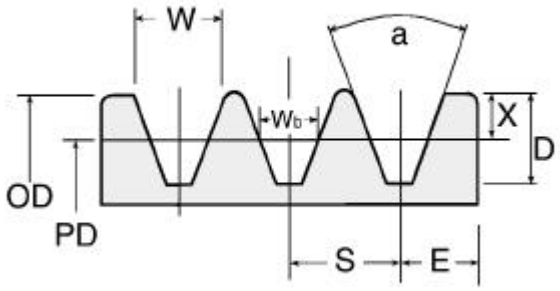
Conventional Groove (MPTA) Dimensions and Tolerances

CONVENTIONAL PULLEYS TOLERANCES

Outside Diameter	
Under 304,8mm	± 0,5mm
304,8mm thru 609,3mm	± 1,0mm
609,6mm thru 1472,9mm	± 1,5mm
1473,2mm thru 1828,5mm	± 3,0mm
Over 1828,5mm	± 6,4mm
Outside Diameter Eccentricity	
Under 254,0mm P.D.	0,3mm
254,3mm thru 1524,0mm P.D.	0,3mm plus ,01mm per mm of P.D.
Over 1524,0mm P.D.	Add ,03mm for each add'l mm of P.D.
Side Wobble And Runout	
508,0mm P.D. & Under	not to exceed 0,03mm per mm of P.D.
508,0mm thru 1524,0mm P.D.	Add 0,01mm for each add'l mm of P.D. up to 1524,0mm
Over 1524,0mm P.D.	Add 0,03mm for each add'l mm of P.D. above 1524,0mm

GROOVE ANGLE

FILE BREAK ALL SHARP CORNERS



Face Width of Stock and Standard Pulleys

Face Width = S(N-1) + 2E
Where:
N = Number of Grooves

Standard Pulleys (MPTA Standard)

Belt	Minimum Recommended Pitch Diameter	P.D. Range	a Groove Angle ± ¼°	Groove Dimensions W		D ±0,8	X	S* ± 0,8	E	
A	76,2	66,0 - 137,2 Over 137,2	34° 38°	12,5 12,8	± 0,1	12,4	3,2	15,9	9,5	+ 1,8 – 0,0
B	137,2	116,8 - 177,8 Over 177,8	34° 38°	16,2 16,5	± 0,1	14,7	4,4	19,1	12,7	+ 3,8 – 0,0
A - B	A 76,2 B 137,2	86,4 - 172,7 Over 172,7	34° 38°	15,5 15,9	± 0,1	15,9	4,4	19,1	12,7	+ 3,8 – 0,0
C	228,6	177,8 - 202,9 203,2 - 304,8 Over 304,8	34° 36° 38°	22,3 22,5 22,7	± 0,2	19,8	5,1	25,4	17,5	+ 3,8 – 0,0
D	330,2	304,8 - 329,9 330,2 - 431,8 Over 431,8	34° 36° 38°	32,0 32,3 32,6	± 0,2	26,7	7,6	36,5	22,2	+ 6,4 – 0,0
E	533,4	457,2 - 609,6 Over 609,6	36° 38°	38,8 39,2	± 0,3	33,0	10,2	44,5	28,5	+ 6,4 – 0,0

Deep Groove Pulleys (MPTA Standard)

Belt	Minimum Recommended Pitch Diameter	P.D. Range	a Groove Angle ± ¼°	Groove Dimensions W		D ±0,8	X	S* ± 0,81	E	
A	76,2	66,2 - 137,2 Over 137,2	34° 38°	15,0 15,5	± 0,1	16,4	7,1	19,1	11,1	+ 1,8 – 0,0
B	137,2	116,8 - 177,8 Over 177,8	34° 38°	19,0 19,7	± 0,1	19,3	9,0	22,2	14,3	+ 3,8 – 0,0
C	228,6	177,8 - 202,9 203,2 - 304,8 Over 304,8	34° 36° 38°	27,1 27,6 28,1	± 0,2	27,6	12,8	31,8	20,7	+ 3,8 – 0,0
D	330,2	304,8 - 323,9 330,2 - 431,8 Over 431,8	34° 36° 38°	38,4 39,1 39,9	± 0,2	37,2	18,2	44,5	27,0	+ 6,4 – 0,0
E	533,4	457,2 - 609,6 Over 609,6	36° 38°	46,1 47,0	± 0,3	44,3	21,5	52,4	33,4	+ 6,4 – 0,0

Dimensions in millimeters.
*Summation of the deviations from "S" for all grooves in any one pulley shall not exceed ± 1,6mm. Available on request, deep groove pulleys are intended for quarter turn drives and for long center vertical shaft drives. They may also be necessary for such applications as car shakers, vibrating screens and certain types of crushers where oscillation in center distance may occur.

Stock Drive Selection

To select the best V-Belt Drive for an application, utilizing stock pulleys, simply follow the step by step instructions below:

BEFORE SELECTING A DRIVE, YOU NEED TO KNOW THESE FACTS:

1. The power (kW) requirement of the drive.
2. The RPM of the driver.
3. The RPM of the driven machine.
4. The approximate center distance for the drive.
5. Shaft size of both units.
6. Average hours of operation per day.

TABLE 1 — SERVICE FACTORS

THE CORRECT SERVICE FACTOR IS DETERMINED BY:

1. The extent and frequency of peak loads.

2. The number of operating hours per year, broken down into average hours per day of continuous service.

3. The proper service category, (intermittent, normal or continuous). Select the one that most closely approximates your application conditions.

INTERMITTENT SERVICE — SERVICE FACTOR 1,0 TO 1,5
- **a.** Light Duty — Not more than 6 hours per day.
- **b.** Never exceeding rated load.

NORMAL SERVICE — SERVICE FACTOR 1,1 TO 1,6
- **a.** Daily service 6 to 16 hours per day.
- **b.** Where occasional starting or peak load does not exceed 200% of the full load.

CONTINUOUS SERVICE — SERVICE FACTOR 1,2 TO 1,8
- **a.** Continuous service 16 to 24 hours per day.
- **b.** Where starting or peak load is in excess of 200% of the full load or where starting or peak loads and overloads occur frequently.

TYPICAL SERVICE FACTORS

DRIVEN MACHINE TYPES	DRIVER TYPES					
Driven machine types noted below are representative samples only. Select a category most closely approximating your application from those listed below. **IF IDLERS ARE USED, ADD THE FOLLOWING TO THE SERVICE FACTOR:** Idler on slack side (inside) None Idler on slack side (outside) 0,1 Idler on tight side (inside) 0,1 Idler on tight side (outside) 0,2	**ELECTRIC MOTORS:** A C Normal Torque Squirrel Cage and Synchronous A C Split Phase D C Shunt Wound **Internal Combustion Engines**			**ELECTRIC MOTORS:** A C Hi-Torque A C Hi-Slip A C Repulsion-Induction A C Single Phase Series Wound A C Slip Ring D C Compound Wound		
	INTERMITTENT SERVICE	**NORMAL SERVICE**	**CONTINUOUS SERVICE**	**INTERMITTENT SERVICE**	**NORMAL SERVICE**	**CONTINUOUS SERVICE**
Agitators for Liquids Blowers and Exhausters Centrifugal Pumps and Compressors Fans up to 7,5 Kw Light Duty Conveyors	1,0	1,1	1,2	1,1	1,2	1,3
Belt Conveyors For Sand, Grain, etc, Dough Mixers Fans Over 7,5 Kw Generators Line Shafts Laundry Machinery Machine Tools Punches-Presses-Shears Printing Machinery Positive Displacement Rotary Pumps Revolving and Vibrating Screens	1,1	1,2	1,3	1,2	1,3	1,4
Brick Machinery Bucket Elevators Exciters Piston Compressors Conveyors (Drag-Pan-Screw) Hammer Mills Paper Mill Beaters Piston Pumps Positive Displacement Blowers Pulverizers Saw Mill and Woodworking Machinery Textile Machinery	1,2	1,3	1,4	1,4	1,5	1,6
Crushers (Gyratory-Jaw-Roll) Mills (Ball-Rod-Tube) Hoists Rubber Calenders-Extruders-Mills	1,3	1,4	1,5	1,5	1,6	1,8
Chokable Equipment	2,0	2,0	2,0	2,0	2,0	2,0

FOR A GOOD COMMERCIAL DRIVE SELECTION, USE CONTINUOUS SERVICE FACTOR

Stock Drive Selection

TYPICAL EXAMPLE

1. The driver is a 3 kW, normal torque electric motor.

2. The driver speed is 1440 RPM.

3. A speed reducer for a Martin screw conveyor is to be driven at 810 RPM.

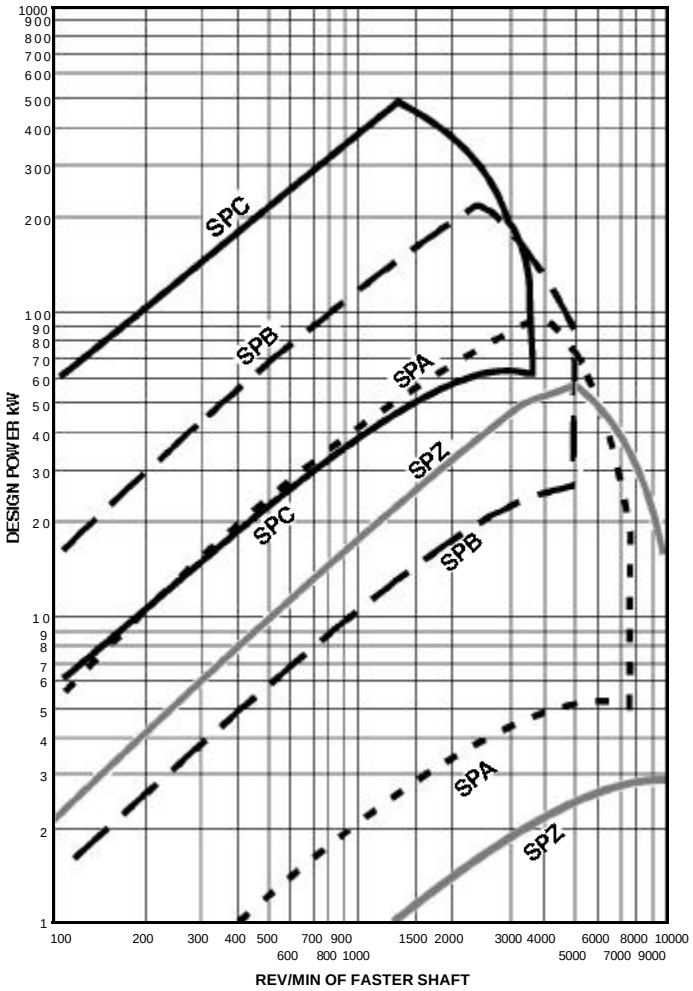
4. The desired center distance is 530mm.

5. The driver shaft diameter is 38mm and the driven shaft diameter is also 38mm

6. The conveyor will operate 18-20 hours per day.

TABLE 2 — Cross Section Selection Chart

Table 2



CAUTION

DO NOT USE STOCK PULLEYS ON SUCH EQUIPMENT AS DEBARKERS, WOOD CHIPPERS, CRUSHERS OR OTHER EQUIPMENT SUBJECT TO SEVERE SHOCK LOADS. CONSULT Martin FOR RECOMMENDATIONS.

Table 3

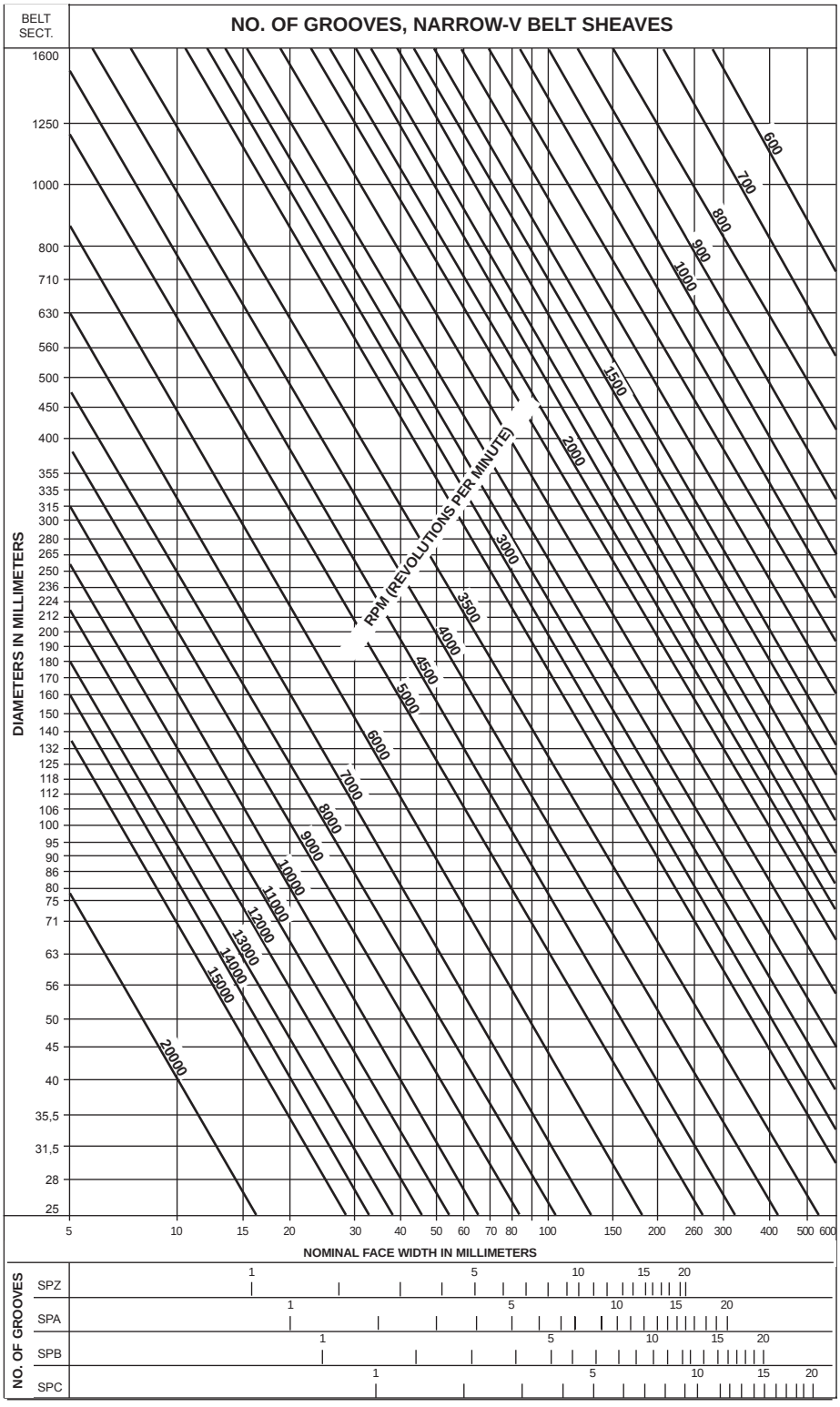
Speed of faster shaft rev/min	*Minimum Pulley Diameter (mm) Design Power (kW)																			
	up to 1	3,0	4,0	5,0	7,5	10	15	20	25	30	40	50	60	75	90	110	130	150	200	250
500	56	90	100	112	125	140	180	200	212	236	250	280	280	315	375	400	450	475	500	560
600	56	85	90	100	112	125	140	180	200	212	224	250	265	280	300	335	375	400	475	500
720	56	80	85	90	100	106	132	150	160	170	200	236	250	265	280	300	335	375	450	500
960	56	75	80	85	95	100	112	132	150	180	180	200	224	250	280	280	300	335	400	450
1200	56	71	80	80	95	95	106	118	132	150	160	180	200	236	236	250	265	300	335	355
1440	56	63	75	80	85	85	100	112	125	140	160	170	190	212	236	236	250	280	315	335
1800	56	63	71	75	85	85	95	106	112	125	150	160	170	190	212	224	236	265	300	335
2880	56	60	67	67	80	80	85	90	100	112	125	140	160	170	180	212	224	236	—	—

*This data is a composite of Electrical Motor Manufactures data. They are generally conservative, and specific motors and bearings may permit the use of a smaller motor sheave. Consult the motor manufacture.
Dimensions in millimeters unless otherwise specified.

Dynamic Balance

TO DETERMINE THE NEED FOR DYNAMIC BALANCE

This chart shows the maximum speed limit (in rpm) for a standard statically balanced pulley by a given diameter and face width. To exceed this speed limit it is recommended the sheave be dynamically balanced. This information can also be used for, other type pulleys.



EXAMPLE: A 254,0mm diameter 52mm wide pulley is recommended to be dynamically balanced (balanced in two planes) at 3450 rpm and above. Below 3350 rpm a static balance (balanced in one plane) is sufficient.

WARNING: When belt speeds exceed 6500 feet per minute or 33mm/sec. special materials may be required; consult Martin for special design requirements.

Stock Drive Selection

STOCK DRIVE SELECTION PROCEDURE

STEP 1. DETERMINE DESIGN KILOWATT.
Refer to "Table 1 — Service Factors" Page D-26. Determine proper service (intermittent, normal, or continuous). Find the type of driven machine most similar to your application in the left column. Then to the right, find the driver type to be used and locate the service factor under your proper service selection.

DESIGN POWER (Kw) = POWER (Kw) REQUIREMENT X SERVICE FACTOR

Example: From Table 1 Service Factor 1,4
Power Requirement x Service Factor = Design Power (kW)
3 x 1,4 = x 4,20 Design Power (kW)

STEP 2. DETERMINE PREFERRED BELT CROSS SECTION. The choice of belt selection type is determined by conditions unique to your specific application. For advantages and disadvantages of belt section type or a recommendation for your specific application, contact your belt manufacturer.

On the vertical axis of Table 2 locate the **Design Power (kW)** and read over to the **RPM of the Faster Shaft**. The point at which the lines intersect indicates the **Recommended Belt Cross Section**.

Example: From Table 2, SPZ is chosen.

STEP 3. CHECK MINIMUM SMALL (DRIVER) PULLEY DIAMETER.
Refer to Table 3. Locate intersection of given motor designed power (Kw) and speed (rpm) for recommended minimum diameter.

Example: From Table 3 minimum recommended diameter is 80mm.

STEP 4. SELECT THE DRIVE
A) Turn to the **Stock Drive Selection Tables** for the applicable belt section.
B) Find the **RPM of your DriveR**. (Speeds shown are for full load motor ratings.)
C) Read down the **DriveN speed column** until you reach the speed nearest your desired speed. Under the same column heading you will find the **kilowatt per belt.**
D) Read across to the left for the required **DriveR and DriveN sheaves**, making sure your DriveR diameter is larger than the minimum shown in Table 3.
E) Read across to the right for shaft centers nearest to your **Approximate Center Distance**. The belt size is shown at the top of the center distance column.

Example: From Stock Drive Selection tables for SPZ belts:
Given: **The DriveR rpm is 1440.**
DriveN speed is 810 rpm.
Therefore: **2,52 is the kW per belt.**
At the far left on the same row, the pulley combination of **95mm DriveR** and **170mm DriveN** will provide the desired speeds. (The min. diameter from Table 3 is 80mm.) The nearest shaft centers to the desired 530mm provided by a standard belt is **541mm provided by a SPZ x 1500**.

STEP 5. DETERMINE THE NUMBER OF BELTS REQUIRED
To determine the number of belts (thus, the number of grooves) multiply the **kilowatt per belt** found in step 4C by the **Arc & Length correction factor** found in the center distance column below the center distance selected. This gives the **corrected or actual kilowatt per belt.** Now divide the **Design Power (kW)** found in step 1 by the corrected horsepower to determine the number of belts required. (Always round up to the next whole number)

Example: # of Belts Required $= \frac{\textbf{Design kW}}{\text{Corrected kW}}$

Design kW found in step 1 is **4**,2 corrected kW is found by: kilowatt power per belt (step 4c) x Arc & length correction factor thus, **corrected kW = 2,52** x **.96 = 2,42.**

# of belts required = $\frac{4,2}{2,42} = 1,7$

Use 2 belts.

STEP 6. Order Martin
(1) 2 SPZ 95 (driver sheave)
(1) 1610 x 38mm (Bushing)
(1) 2 SPZ 170 (driven sheave)
(1) 2012 x 38mm (Bushing)

Stock Drive Selection

ALTERNATE EXAMPLE

A 18,5 kW, 960 RPM squirrel cage normal torque electric motor is to drive a fan 300 RPM. The shaft centers should be about 1016,0mm. The motor has a 55mm shaft and the fan shaft is60mm. Service is 15 hours per day, constant load.

1. kW Requirement of the Drive . . . . . .18,5 kW
2. RPM of DriveR Shaft . . . . . .960 RPM
3. RPM of DriveN Machine . . . . . .300 RPM
4. Approximate Center Distance 1016,0mm

STEP 1 **DETERMINE DESIGN KILOWATT**
From Table 1 Service Factor 1,2
kW Requirement x Service Factor = Design kW
18,5 x 1,2 = 22,2 Design kW

STEP 2 **DETERMINE BELT CROSS SECTION**
From Table 2 — SPA

STEP 3 **CHECK MINIMUM SMALL PULLEY DIAMETER**
From Table 3 — 150mm minimum.

STEP 4 **SELECT THE DRIVE**
Locate the Drive Selection Tables
For SPA Belts
RPM of Drive — 960 RPM
Driven Speed — kW per Belt
300 RPM — 4,78 kW per Belt
Required Driver and Driven Pulley
(Re-check minimum)
150mm Driver
475mm Driven

WARNING: BEFORE USING KEVLAR BELTS, CONSULT FACTORY.

Read across to right for shaft centers nearest required center distance. SPA-3000 = 996mm centers

Find corrected kilowatt by multiplying kW per belt by Arc and Length correction factor. 4,78 x 1,02 = 4,88

Determine number of belts needed by dividing Design kW by corrected kW 22,2/4,88 = 4,55. Use 5 belts

Order
(1) 5 SPA 150 (Driver Pulley)
(1) 2517 55mm (Bushing)
(1) 5 SPA 475 (Driven Pulley)
(1) 3525 x 60mm (Bushing)

NOTE: EQUIPMENT THAT IS SUBJECT TO HEAVY SHOCK LOAD SUCH AS ROCK CRUSHERS OR WOOD CHIPPERS, USUALLY REQUIRE SPECIAL CONSTRUCTION.

CONSULT FACTORY FOR RECOMMENDATIONS.

Installation & Operation of Wedge & V-Belt Drives

Although comparatively old in principal today's belt drive is an extremely efficient method of transmitting power between prime mover and machinery.

It owes its present high performance standards to many years of research and development by engineers and technologists. This has led to significant refinements in materials and processes.

To derive maximum benefit from such advances it is important that the simple installation and operation procedures are closely followed. Making these routines standard practice will enable you to obtain optimum performance and long, trouble-free life from your Martin belt drives.

INSTALLATION

■ PULLEYS

Before assembling the drive, check that the pulley groves are free from scores or sharp edges, and all dimensions conform to the relevant standard.
The Taper bush is your starting point when it comes to assembly and installation. Drive installation is a straight forward drive with Taper Bush -but the steps set out on the installation leaflet provided with every Taper bush should be followed closely.

■ ALIGNMENT

Good alignment of pulleys prior to belt installation is important to avoid belt flank wear. The diagrams opposite show some of the common alignment faults. You should only be satisfied if the condition is sketch 4 prevail.

■ BELTS

When the pulleys have been correctly positioned on the shafts, the belts can be installed to complete the drive.The drive center distance should be reduced prior to the installation of the belts so that they may be fitted without the use of force. Under no circumstances must belts be pried into the grooves. Belt and pulley grooves can easily be damaged by using sharp tools to stretch the belts over the pulley rim.

■ BELTS (Cont.)

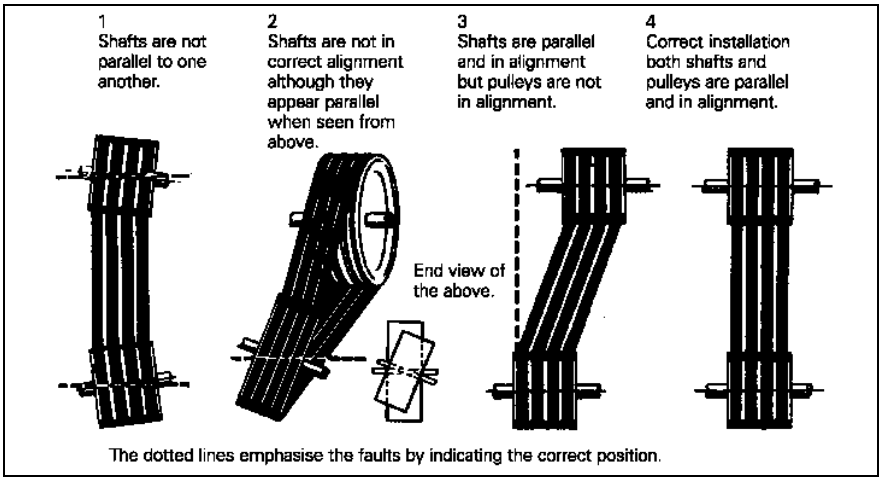
The installation allowance given in the table opposite is the minimum recommended reduction in center distance for the various belt sections and lengths to allow for correct fitting.
The take-up allowance given in the same table should be added on to the calculated center distance to allow for belt stretch.

■ GUARDS

Where guards are necessary it is desirable to use the mesh type to permit adequate ventilation.

TAPER BUSH

All of the "dual groove" pulleys featured in this section use Taper Bush shaft fixing. For detailed instruction on the fitting and dismounting of Taper Bush products see Shaft Fixing page B-15.



The dotted lines emphasise the faults by indicating the correct position.

INSTALLATION AND TAKE-UP ALLOWANCE

Belt Pitch Length (mm)	Installation Allowances					Take -up (mm)
	SPZ Z	SPA A	SPB B	SPC C	8V D	
410 to530	20					5
530 to 840		25	30			10
850 to 1160				50		15
1170 to 1500						20
1510 to 1830						25
1840 to 2170					65	30
2180 to 2830						40
2840 to 3500						50
3520 to 4160						60
4170 to 5140						70
5220 to 6150						85
6180 to 7500						105
7600 to 8500						125
8880 to 10170						145
10600 to 12500						175

Installation & Operation of Wedge & V-Belt Drives

INSTALLATION (Cont.)

■ TENSIONING

Place the belts around the pulley with a snug fit, then rotate the pulleys 4-5 revolutions in order to seat the belts into the grooves of the pulley. Set the appropriate tension value of 1,25 stated in the "Tensioning Forces" table opposite (use a belt tension indicator devise supplied by belt manufacturers). Run the drive under load for 20-30 minutes, stop the drive, check the tension, reset the basic value (not 1,25) if necessary. On a properly designed drive for the application there should be no need for any further attention during the life of the drive.

Cogged ran edge belts should be tensioned to the 1,25 values given in the opposite table.

The setting tensions opposite are designed to cover a wide range of drives. A precise setting force for individual applications can be calculated. Please consult your belt manufacture for assistance.

For short centre distance drives where the deflection of the belt is too small to measure accurately it is recommended that both deflection and applied force be doubled.

■ TENSIONINGPULLEYS

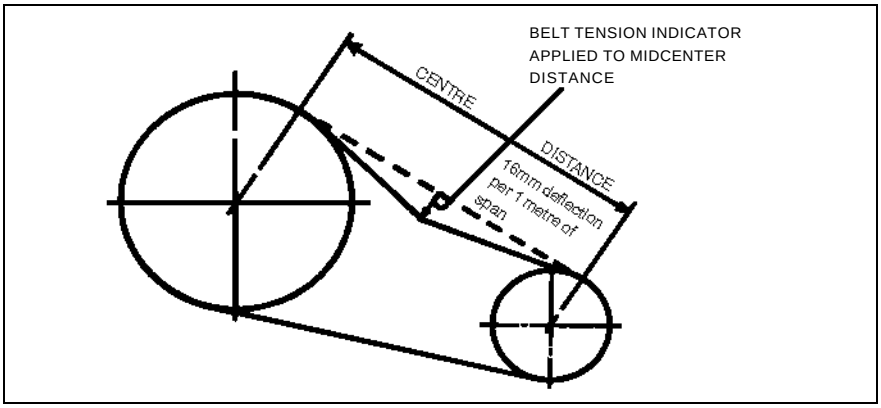
If tensioning (jockey) pulleys are to be used on Wedge-Belt drives, they must be fitted with a grooved pulley bearing on the inside of the drive, preferably on the slack side. The pulley should be positioned as close as possible to the large pulley. Flat tensioning pulleys, bearing on the outside of the drive are permissible only with V and not with Wedge-Belts. They should be positioned within one third of the center distance form the small pulley.

The tensioning pulley must be at least the same diameter as the pulley of the drive.

■ TENSIONINGPULLEYS (Cont.)

Tensioning pulley movement can only be determined by laying out the drive to scale. It must allow for passing the belts over the outside diameter on one of the pulleys on installation and should also allow for belt stretch.

The modern V-Drive is a highly efficient method of transmitting power - but optimum performance will not be achieved unless the correct tensioning procedures are carried out.



Belt Section	Force required to deflect belt 16mm per metre of span				
	Small Pulley Diameter (mm)	Basic setting forces Newton (N)	Basic setting forces Kilograms (kgf)	1,25 x setting forces Newton (N)	1,25 x setting forces Kilograms (kgf)
SPZ	56 to 71	16	1,6	20	2,0
	75 to 90	18	1,8	22	2,2
	95 to 125	20	2,0	25	2,5
	over 125	22	2,2	28	2,8
SPA	80 to 100	22	2,2	28	2,8
	106 to 140	30	3,0	38	3,9
	150 to 200	36	3,7	45	4,6
	over 200	40	4,0	50	5,1
SPB	112 to 160	40	4,0	50	5,1
	170 to 224	50	5,1	62	6,3
	236 to 355	62	6,3	77	7,9
	over 355	65	6,6	81	8,3
SPC	224 to 250	70	7,1	87	8,9
	265 to 355	92	9,4	115	12
	over 375	115	12	144	15
8V	335 & above	150	15	190	19
Z	56 to 100	5 to 7,5	0,5 to 0,8	—	—
A (& HA banded)	80 to 140	10 to 15	1,0 to 1,5	—	—
B	125 to 200	20 to 30	2,0 to 3,1	—	—
C	200 to 400	40 to 60	4,1 to 6,1	—	—
D	355 to 600	70 to 105	7,1 to 10,7	—	—

NOTE: TROUBLE SHOOTING & MAINTENANCE

PLEASE REFER TO Martin's PUBLICATION ON "MAINTENANCE & TROUBLE SHOOTING".

Martin

Drive Selection

V-Belt Drive Selection

PRIME MOVER: _____ (Type & Description) _____ (Rated (Nameplate) kW) _____ (Shaft Size) _____ (RPM)

DRIVEN COMPONENTS: _____ (Type & Description) _____ (Expected Hours Service) _____ (Shaft Size) _____ (RPM)

CENTER DISTANCE: _____ (Maximum — MM) _____ (Minimum — MM) _____ (Nominal — MM)

Step 1: Design Power (kW) _____ (Prime Mover kW) x _____ (Service Factor) = _____ (Design kW)

Step 2: Belt Cross Section _____

NOTE: If Prime Mover is electric motor, check minimum pulley diameter.

Minimum Pulley Diameter = _____

Step 3: Speed Ratio _____ (RPM Faster Shaft) ÷ _____ (RPM Slower Shaft) = _____ (Speed Ratio)

Step 4: From Rating Tables, determined by Belt Cross Section in Step 2, refer to proper Speed Ratio, then, reading across table determine:

A. _____ Prime Mover Sheave — MM

B. _____ Driven Sheave — MM

C. _____ Rated Kw Per Belt

D. _____ Center Distance — MM

E. _____ Belt Size (Cross Section & No.)

F. _____ Correction Factor

Step 5: Number of Belts Required

A. _____ (Rated Kw Per Belt) x _____ (Correction Factor) = _____ (Corr. kW Per Belt)

B. _____ (Design Power (kW)) ÷ _____ (Corr. kW Per Belt) = _____ (Number of Belts*)

*If number contains a fraction, round off to next largest whole number

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,00	56	56	2850	1,03	1450	0,70	950	0,53	192	212	227	247	267	287	312	337	362	387	412	442
1,00	60	60	2850	1,32	1450	0,86	950	0,64	186	206	221	241	261	281	306	331	356	381	406	436
1,00	63	63	2850	1,53	1450	0,97	950	0,72	181	201	216	236	256	276	301	326	351	376	401	431
1,00	67	67	2850	1,81	1450	1,13	950	0,83	175	195	210	230	250	270	295	320	345	370	395	425
1,00	71	71	2850	2,08	1450	1,25	950	0,89	169	189	204	224	244	264	289	314	339	364	389	419
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,00	75	75	2850	2,40	1450	1,43	950	1,01	162	182	197	217	237	257	282	307	332	357	382	412
1,00	80	80	2850	2,80	1450	1,65	950	1,16	154	174	189	209	229	249	274	299	324	349	374	404
1,00	85	85	2850	3,19	1450	1,87	950	1,31	147	167	182	202	222	242	267	292	317	342	367	397
1,00	90	90	2850	3,58	1450	2,09	950	1,46	139	159	174	194	214	234	259	284	309	334	359	389
1,00	95	95	2850	3,96	1450	2,31	950	1,61	131	151	166	186	206	226	251	276	301	326	351	381
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,00	100	100	2850	4,34	1450	2,52	950	1,76	123	143	158	178	198	218	243	268	293	318	343	373
1,00	106	106	2850	4,79	1450	2,78	950	1,94	114	134	149	169	189	209	234	259	284	309	334	364
1,00	112	112	2850	5,23	1450	3,04	950	2,11	—	124	139	159	179	199	224	249	274	299	324	354
1,00	118	118	2850	5,66	1450	3,29	950	2,29	—	—	130	150	170	190	215	240	265	290	315	345
1,00	125	125	2850	6,15	1450	3,59	950	2,49	—	—	—	139	159	179	204	229	254	279	304	334
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,00	132	132	2850	6,64	1450	3,88	950	2,69	—	—	—	—	148	168	193	218	243	268	293	323
1,00	140	140	2850	7,18	1450	4,21	950	2,92	—	—	—	—	—	155	180	205	230	255	280	310
1,05	60	63	2714	1,36	1381	0,88	905	0,65	183	203	218	238	258	278	303	328	353	378	403	433
1,05	95	100	2714	4,00	1381	2,33	905	1,62	127	147	162	182	202	222	247	272	297	322	347	377
1,05	112	118	2714	5,27	1381	3,06	905	2,12	—	119	134	154	174	194	219	244	269	294	319	349
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,06	63	67	2689	1,64	1368	1,03	896	0,76	178	198	213	233	253	273	298	323	348	373	398	428
1,06	67	71	2689	1,92	1368	1,19	896	0,87	172	192	207	227	247	267	292	317	342	367	392	422
1,06	71	75	2689	2,19	1368	1,31	896	0,93	165	185	200	220	240	260	285	310	335	360	385	415
1,06	80	85	2689	2,91	1368	1,71	896	1,20	150	170	185	205	225	245	270	295	320	345	370	400
1,06	85	90	2689	3,30	1368	1,93	896	1,35	143	163	178	198	218	238	263	288	313	338	363	393
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,06	90	95	2689	3,69	1368	2,15	896	1,50	135	155	170	190	210	230	255	280	305	330	355	385
1,06	100	106	2689	4,45	1368	2,58	896	1,80	118	138	153	173	193	213	238	263	288	313	338	368
1,06	106	112	2689	4,90	1368	2,84	896	1,98	—	129	144	164	184	204	229	254	279	304	329	359
1,06	118	125	2689	5,77	1368	3,35	896	2,33	—	—	124	144	164	184	209	234	259	284	309	339
1,06	125	132	2689	6,26	1368	3,65	896	2,53	—	—	—	133	153	173	198	223	248	273	298	328
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,06	132	140	2689	6,75	1368	3,94	896	2,73	—	—	—	—	141	161	186	211	236	261	286	316
1,07	56	60	2664	1,14	1355	0,76	888	0,57	189	209	224	244	264	284	309	334	359	384	409	439
1,07	75	80	2664	2,51	1355	1,49	888	1,05	158	178	193	213	233	253	278	303	328	353	378	408
1,11	90	100	2568	3,69	1306	2,15	856	1,50	131	151	166	186	206	226	251	276	301	326	351	381
1,11	106	118	2568	4,90	1306	2,84	856	1,98	—	124	139	159	179	199	224	249	274	299	324	354
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,12	60	67	2545	1,51	1295	0,96	848	0,70	180	200	215	235	255	275	300	325	350	375	400	430
1,12	67	75	2545	2,00	1295	1,23	848	0,89	168	188	203	223	243	263	289	314	339	364	389	419
1,12	85	95	2545	3,38	1295	1,97	848	1,37	139	159	174	194	214	234	259	284	309	334	359	389
1,12	95	106	2545	4,15	1295	2,41	848	1,67	122	142	157	177	197	217	242	267	292	317	342	372
1,12	100	112	2545	4,53	1295	2,62	848	1,82	113	133	148	168	188	208	234	259	284	309	334	364
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,12	112	125	2545	5,42	1295	3,14	848	2,17	—	—	129	149	169	189	214	239	264	289	314	344
1,12	118	132	2545	5,85	1295	3,39	848	2,35	—	—	—	139	159	179	204	229	254	279	304	334
1,12	125	140	2545	6,34	1295	3,69	848	2,55	—	—	—	—	147	167	192	217	242	267	292	322
1,13	56	63	2522	1,22	1283	0,80	841	0,59	187	207	222	242	262	282	307	332	357	382	407	437
1,13	63	71	2522	1,72	1283	1,07	841	0,78	175	195	210	230	250	270	295	320	345	370	395	425
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,13	71	80	2522	2,27	1283	1,35	841	0,95	161	181	196	216	236	256	281	306	331	356	381	411
1,13	75	85	2522	2,59	1283	1,53	841	1,07	154	174	189	209	229	249	274	299	324	349	374	404
1,13	80	90	2522	2,99	1283	1,75	841	1,22	146	166	181	201	221	241	267	292	317	342	367	397
1,14	132	150	2500	6,83	1272	3,98	833	2,75	—	—	—	—	—	153	178	203	228	253	278	308
1,14	140	160	2500	7,37	1272	4,31	833	2,98	—	—	—	—	—	—	164	189	214	239	264	294
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,18	60	71	2415	1,51	1229	0,96	805	0,70	177	197	212	232	252	272	297	322	347	372	397	427
1,18	85	100	2415	3,38	1229	1,97	805	1,37	135	155	170	190	210	230	255	280	305	330	355	385

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
472	502	537	572	612	662	712	762	812	862	912	972	1032	1092	1162	1237	1312	1412	1487	1587	1687	1,00
466	496	531	566	606	656	706	756	806	856	906	966	1026	1086	1156	1231	1306	1406	1481	1581	1681	1,00
461	491	526	561	601	651	701	751	801	851	901	961	1021	1081	1151	1226	1301	1401	1476	1576	1676	1,00
455	485	520	555	595	645	695	745	795	845	895	955	1015	1075	1145	1220	1295	1395	1470	1570	1670	1,00
449	479	514	549	589	639	689	739	789	839	889	949	1009	1069	1139	1214	1289	1389	1464	1564	1664	1,00
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
442	472	507	542	582	632	682	732	782	832	882	942	1002	1062	1132	1207	1282	1382	1457	1557	1657	1,00
434	464	499	534	574	624	674	724	774	824	874	934	994	1054	1124	1199	1274	1374	1449	1549	1649	1,00
427	457	492	527	567	617	667	717	767	817	867	927	987	1047	1117	1192	1267	1367	1442	1542	1642	1,00
419	449	484	519	559	609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1,00
411	441	476	511	551	601	651	701	751	801	851	911	971	1031	1101	1176	1251	1351	1426	1526	1626	1,00
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
403	433	468	503	543	593	643	693	743	793	843	903	963	1023	1093	1168	1243	1343	1418	1518	1618	1,00
394	424	459	494	534	584	634	684	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1609	1,00
384	414	449	484	524	574	624	674	724	774	824	884	944	1004	1074	1149	1224	1324	1399	1499	1599	1,00
375	405	440	475	515	565	615	665	715	765	815	875	935	995	1065	1140	1215	1315	1390	1490	1590	1,00
364	394	429	464	504	554	604	654	704	754	804	864	924	984	1054	1129	1204	1304	1379	1479	1579	1,00
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
353	383	418	453	493	543	593	643	693	743	793	853	913	973	1043	1118	1193	1293	1368	1468	1568	1,00
340	370	405	440	480	530	580	630	680	730	780	840	900	960	1030	1105	1180	1280	1355	1455	1555	1,00
463	493	528	563	603	653	703	753	803	853	903	963	1023	1083	1153	1228	1303	1403	1478	1578	1678	1,05
407	437	472	507	547	597	647	697	747	797	847	907	967	1027	1097	1172	1247	1347	1422	1522	1622	1,05
379	409	444	479	519	569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1,05
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
458	488	523	558	598	648	698	748	798	848	898	958	1018	1078	1148	1223	1298	1398	1473	1573	1673	1,06
452	482	517	552	592	642	692	742	792	842	892	952	1012	1072	1142	1217	1292	1392	1467	1567	1667	1,06
445	475	510	545	585	635	685	735	785	835	885	945	1005	1065	1135	1210	1285	1385	1460	1560	1660	1,06
430	460	495	530	570	620	670	720	770	820	870	930	990	1050	1120	1195	1270	1370	1445	1545	1645	1,06
423	453	488	523	563	613	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	1,06
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
415	445	480	515	555	605	655	705	755	805	855	915	975	1035	1105	1180	1255	1355	1430	1530	1630	1,06
398	428	463	498	538	588	638	688	738	788	838	898	958	1018	1088	1163	1238	1338	1413	1513	1613	1,06
389	419	454	489	529	579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1,06
369	399	434	469	509	559	609	659	709	759	809	869	929	989	1059	1134	1209	1309	1384	1484	1584	1,06
358	388	423	458	498	548	598	648	698	748	798	858	918	978	1048	1123	1198	1298	1373	1473	1573	1,06
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
346	376	411	446	486	536	586	636	686	736	786	846	906	966	1036	1111	1186	1286	1361	1461	1561	1,06
469	499	534	569	609	659	709	759	809	859	909	969	1029	1089	1159	1234	1309	1409	1484	1584	1684	1,07
438	468	503	538	578	628	678	728	778	828	878	938	998	1058	1128	1203	1278	1378	1453	1553	1653	1,07
411	441	476	511	551	601	651	701	751	801	851	911	971	1031	1101	1176	1251	1351	1426	1526	1626	1,11
384	414	449	484	524	574	624	674	724	774	824	884	944	1004	1074	1149	1224	1324	1399	1499	1599	1,11
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
460	490	525	560	600	650	700	750	800	850	900	960	1020	1080	1150	1225	1300	1400	1475	1575	1675	1,12
449	479	514	549	589	639	689	739	789	839	889	949	1009	1069	1139	1214	1289	1389	1464	1564	1664	1,12
419	449	484	519	559	609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1,12
402	432	467	502	542	592	642	692	742	792	842	902	962	1022	1092	1167	1242	1342	1417	1517	1617	1,12
394	424	459	494	534	584	634	684	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1609	1,12
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
374	404	439	474	514	564	614	664	714	764	814	874	934	994	1064	1139	1214	1314	1389	1489	1589	1,12
364	394	429	464	504	554	604	654	704	754	804	864	924	984	1054	1129	1204	1304	1379	1479	1579	1,12
352	382	417	452	492	542	592	642	692	742	792	852	912	972	1042	1117	1192	1292	1367	1467	1567	1,12
467	497	532	567	607	657	707	757	807	857	907	967	1027	1087	1157	1232	1307	1407	1482	1582	1682	1,13
455	485	520	555	595	645	695	745	795	845	895	955	1015	1075	1145	1220	1295	1395	1470	1570	1670	1,13
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
441	471	506	541	581	631	681	731	781	831	881	941	1001	1061	1131	1206	1281	1381	1456	1556	1656	1,13
434	464	499	534	574	624	674	724	774	824	874	934	994	1054	1124	1199	1274	1374	1449	1549	1649	1,13
427	457	492	527	567	617	667	717	767	817	867	927	987	1047	1117	1192	1267	1367	1442	1542	1642	1,13
339	369	404	439	479	529	579	629	679	729	779	839	899	959	1029	1104	1179	1279	1354	1454	1554	1,14
324	354	389	424	464	514	564	614	664	714	764	824	884	944	1014	1089	1164	1264	1339	1439	1539	1,14
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
457	487	522	557	597	647	697	747	797	847	897	957	1017	1077	1147	1222	1297	1397	1472	1572	1672	1,18
415	445	480	515	555	605	655	705	755	805	855	915	975	1035	1105	1180	1255	1355	1430	1530	1630	1,18

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,18	90	106	2415	3,77	1229	2,19	805	1,52	126	146	161	181	201	221	246	271	296	321	346	376
1,18	95	112	2415	4,15	1229	2,41	805	1,67	117	137	152	172	192	212	237	262	287	312	337	367
1,18	100	118	2415	4,53	1229	2,62	805	1,82	—	129	144	164	184	204	229	254	279	304	329	359
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,18	106	125	2415	4,98	1229	2,88	805	2,00	—	118	133	153	173	193	218	243	268	294	319	349
1,18	112	132	2415	5,42	1229	3,14	805	2,17	—	—	123	143	163	183	208	233	258	283	308	338
1,19	67	80	2395	2,07	1218	1,26	798	0,92	164	184	199	220	240	260	285	310	335	360	385	415
1,19	80	95	2395	3,06	1218	1,78	798	1,25	142	162	177	197	217	238	263	288	313	338	363	393
1,19	118	140	2395	5,92	1218	3,42	798	2,38	—	—	—	132	152	172	197	222	247	272	297	327
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,20	56	67	2375	1,29	1208	0,83	792	0,62	183	203	218	238	258	278	303	328	353	378	403	433
1,20	71	85	2375	2,34	1208	1,38	792	0,98	157	177	192	212	232	252	277	302	327	352	377	407
1,20	75	90	2375	2,66	1208	1,56	792	1,10	150	170	185	205	225	245	270	295	320	345	370	400
1,20	125	150	2375	6,41	1208	3,72	792	2,58	—	—	—	—	139	159	184	209	234	259	284	314
1,21	132	160	2355	6,90	1198	4,01	785	2,78	—	—	—	—	—	—	170	195	220	245	270	300
Arc—Length Correction Factor									**0,79**	**0,80**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,21	140	170	2355	7,44	1198	4,34	785	3,01	—	—	—	—	—	—	156	181	206	231	256	286
1,24	90	112	2298	3,84	1169	2,22	766	1,55	121	141	156	176	196	216	241	266	291	316	341	371
1,24	95	118	2298	4,22	1169	2,44	766	1,70	112	132	147	167	187	207	233	258	283	308	333	363
1,25	60	75	2280	1,58	1160	0,99	760	0,73	174	194	209	229	249	269	294	319	344	369	394	424
1,25	80	100	2280	3,06	1160	1,78	760	1,25	138	158	173	193	213	233	259	284	309	334	359	389
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,25	85	106	2280	3,45	1160	2,00	760	1,40	130	150	165	185	205	225	250	275	300	325	350	380
1,25	100	125	2280	4,60	1160	2,65	760	1,85	—	123	138	158	178	198	223	248	273	298	323	353
1,25	106	132	2280	5,05	1160	2,91	760	2,03	—	—	128	148	168	188	213	238	263	288	313	343
1,25	112	140	2280	5,49	1160	3,17	760	2,20	—	—	—	136	157	177	202	227	252	277	302	332
1,27	56	71	2244	1,35	1142	0,86	748	0,64	180	200	215	235	255	275	300	325	350	375	400	430
Arc—Length Correction Factor									**0,80**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,27	63	80	2244	1,85	1142	1,13	748	0,83	168	188	203	223	243	263	288	313	338	363	388	418
1,27	67	85	2244	2,13	1142	1,29	748	0,94	160	180	195	215	236	256	281	306	331	356	381	411
1,27	71	90	2244	2,40	1142	1,41	748	1,00	153	173	188	208	228	248	273	298	323	348	373	404
1,27	75	95	2244	2,72	1142	1,59	748	1,12	146	166	181	201	221	241	266	291	316	341	366	396
1,27	118	150	2244	5,98	1142	3,45	748	2,40	—	—	—	—	144	164	189	214	239	264	289	319
Arc—Length Correction Factor									**0,78**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,28	125	160	2227	6,47	1133	3,75	742	2,60	—	—	—	—	—	150	175	201	226	251	276	306
1,29	132	170	2209	6,96	1124	4,04	736	2,80	—	—	—	—	—	—	162	187	212	237	262	292
1,29	140	180	2209	7,50	1124	4,37	736	3,03	—	—	—	—	—	—	—	173	198	223	248	278
1,31	90	118	2176	3,90	1107	2,25	725	1,57	116	136	151	171	191	211	236	261	286	311	336	366
1,32	85	112	2159	3,51	1098	2,03	720	1,42	125	145	160	180	200	220	245	270	295	320	345	375
Arc—Length Correction Factor									**0,79**	**0,80**	**0,81**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,90**	**0,91**	**0,91**
1,32	95	125	2159	4,28	1098	2,47	720	1,72	—	126	142	162	182	202	227	252	277	302	327	357
1,32	100	132	2159	4,66	1098	2,68	720	1,87	—	117	132	152	172	192	217	242	267	292	317	348
1,32	106	140	2159	5,11	1098	2,94	720	2,05	—	—	—	141	161	181	206	231	256	281	306	336
1,33	60	80	2143	1,64	1090	1,02	714	0,75	170	190	205	225	245	265	290	315	340	365	390	420
1,33	75	100	2143	2,72	1090	1,59	714	1,12	142	162	177	197	217	237	262	287	312	337	362	392
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,33	80	106	2143	3,12	1090	1,81	714	1,27	133	153	168	189	209	229	254	279	304	329	354	384
1,34	56	75	2127	1,35	1082	0,86	709	0,64	177	197	212	232	252	272	297	322	347	372	397	427
1,34	67	90	2127	2,13	1082	1,29	709	0,94	156	176	191	211	231	251	277	302	327	352	377	407
1,34	71	95	2127	2,40	1082	1,41	709	1,00	149	169	184	204	224	244	269	294	319	344	369	400
1,34	112	150	2127	5,55	1082	3,20	709	2,22	—	—	—	—	148	168	193	219	244	269	294	324
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,35	63	85	2111	1,85	1074	1,13	704	0,83	163	183	199	219	239	259	284	309	334	359	384	414
1,36	118	160	2096	5,98	1066	3,45	699	2,40	—	—	—	—	—	155	181	206	231	256	281	311
1,36	125	170	2096	6,47	1066	3,75	699	2,60	—	—	—	—	—	—	167	192	217	242	267	298

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
406	436	471	506	546	596	646	696	746	796	846	906	966	1026	1096	1171	1246	1346	1421	1521	1621	1,18	
397	427	462	497	537	587	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	1,18	
389	419	454	489	529	579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1,18	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
379	409	444	479	519	569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1,18	
368	398	433	468	508	558	608	658	708	758	808	868	928	988	1058	1133	1208	1308	1383	1483	1583	1,18	
445	475	510	545	585	635	685	735	785	835	885	945	1005	1065	1135	1210	1285	1385	1460	1560	1660	1,19	
423	453	488	523	563	613	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	1,19	
357	387	422	457	497	547	597	647	697	747	797	857	917	977	1047	1122	1197	1297	1372	1472	1572	1,19	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
463	493	528	563	603	653	703	753	803	853	903	963	1023	1083	1153	1228	1303	1403	1478	1578	1678	1,20	
437	467	502	537	577	628	678	728	778	828	878	938	998	1058	1128	1203	1278	1378	1453	1553	1653	1,20	
430	460	495	530	570	620	670	720	770	820	870	930	990	1050	1120	1195	1270	1370	1445	1545	1645	1,20	
344	374	409	444	484	534	584	634	684	734	784	844	904	964	1034	1109	1184	1284	1359	1459	1559	1,20	
330	361	396	431	471	521	571	621	671	721	771	831	891	951	1021	1096	1171	1271	1346	1446	1546	1,21	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
316	346	381	416	456	506	556	606	656	706	757	817	877	937	1007	1082	1157	1257	1332	1432	1532	1,21	
401	431	466	501	541	591	641	691	741	791	841	901	961	1021	1091	1166	1241	1341	1416	1516	1616	1,24	
393	423	458	493	533	583	633	683	733	783	833	893	953	1013	1083	1158	1233	1333	1408	1508	1608	1,24	
454	484	519	554	594	644	694	744	794	844	894	954	1014	1074	1144	1219	1294	1394	1469	1569	1669	1,25	
419	449	484	519	559	609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1,25	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
410	440	475	510	550	600	650	700	750	800	850	910	970	1030	1100	1175	1250	1350	1425	1525	1625	1,25	
383	413	448	483	523	573	623	673	723	773	823	883	943	1003	1073	1148	1223	1323	1398	1498	1598	1,25	
373	403	438	473	513	563	613	663	713	763	813	873	933	993	1063	1138	1213	1313	1388	1488	1588	1,25	
362	392	427	462	502	552	602	652	702	752	802	862	922	982	1052	1127	1202	1302	1377	1477	1577	1,25	
460	490	525	560	600	650	700	750	800	850	900	960	1020	1080	1150	1225	1300	1400	1475	1575	1675	1,27	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
448	478	513	548	588	638	688	738	788	838	888	948	1008	1068	1138	1213	1288	1388	1463	1563	1663	1,27	
441	471	506	541	581	631	681	731	781	831	881	941	1001	1061	1131	1206	1281	1381	1456	1556	1656	1,27	
434	464	499	534	574	624	674	724	774	824	874	934	994	1054	1124	1199	1274	1374	1449	1549	1649	1,27	
426	456	491	526	566	616	666	716	766	816	866	926	986	1047	1117	1192	1267	1367	1442	1542	1642	1,27	
349	379	414	449	489	539	589	639	689	739	789	849	909	969	1039	1115	1190	1290	1365	1465	1565	1,27	
0,91	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
336	366	401	436	476	526	576	626	676	726	776	836	896	956	1026	1101	1176	1276	1351	1451	1551	1,28	
322	352	387	423	463	513	563	613	663	713	763	823	883	943	1013	1088	1163	1263	1338	1438	1538	1,29	
308	338	373	408	448	498	548	598	648	699	749	809	869	929	999	1074	1149	1249	1324	1424	1524	1,29	
396	426	462	497	537	587	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	1,31	
405	435	470	505	545	595	645	695	745	795	845	905	965	1025	1095	1170	1245	1345	1420	1520	1620	1,32	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
387	417	452	487	527	577	627	677	727	777	827	887	947	1007	1077	1152	1227	1327	1402	1502	1602	1,32	
378	408	443	478	518	568	618	668	718	768	818	878	938	998	1068	1143	1218	1318	1393	1493	1593	1,32	
366	397	432	467	507	557	607	657	707	757	807	867	927	987	1057	1132	1207	1307	1382	1482	1582	1,32	
450	480	515	550	590	640	690	740	790	840	890	950	1010	1070	1140	1215	1290	1390	1465	1565	1665	1,33	
422	452	487	522	562	612	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	1,33	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
414	444	479	514	554	604	654	704	754	804	854	914	974	1034	1104	1179	1254	1354	1429	1529	1629	1,33	
457	487	522	557	597	647	697	747	797	847	897	957	1017	1077	1147	1222	1297	1397	1472	1572	1672	1,34	
437	467	502	537	577	627	677	727	777	827	877	937	997	1057	1127	1202	1277	1377	1452	1552	1652	1,34	
430	460	495	530	570	620	670	720	770	820	870	930	990	1050	1120	1195	1270	1370	1445	1545	1645	1,34	
354	384	419	454	494	544	594	644	694	744	794	854	914	974	1044	1119	1194	1294	1369	1469	1569	1,34	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
444	474	509	544	584	634	684	734	784	834	884	944	1004	1064	1134	1209	1284	1384	1459	1559	1659	1,35	
341	371	406	441	481	531	581	631	681	731	781	842	902	962	1032	1107	1182	1282	1357	1457	1557	1,36	
328	358	393	428	468	518	568	618	668	718	768	828	888	948	1018	1093	1168	1268	1343	1443	1543	1,36	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0.80**	**0.81**	**0.82**	**0.83**	**0.85**	**0.86**	**0.87**	**0.88**	**0.89**	**0.90**	**0.91**	**0.91**
1,36	132	180	2096	6,96	1066	4,04	699	2,80	—	—	—	—	—	—	—	178	204	229	254	284
1,36	140	190	2096	7,50	1066	4,37	699	3,03	—	—	—	—	—	—	—	—	189	214	240	270
Arc—Length Correction Factor									**0,79**	**0,80**	**0,81**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,91**	**0,91**
1,39	85	118	2050	3,56	1043	2,06	683	1,43	120	140	155	175	195	215	240	265	290	315	340	370
1,39	90	125	2050	3,95	1043	2,28	683	1,58	110	130	145	165	185	205	231	256	281	306	331	361
1,39	95	132	2050	4,33	1043	2,50	683	1,73	—	120	136	156	176	196	221	246	271	296	321	351
1,40	80	112	2036	3,17	1036	1,84	679	1,28	128	148	163	184	204	224	249	274	299	324	349	379
1,40	100	140	2036	4,71	1036	2,71	679	1,88	—	—	125	145	165	186	211	236	261	286	311	341
Arc—Length Correction Factor									**0,79**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,89**	**0,90**	**0,91**	**0,91**
1,41	71	100	2021	2,45	1028	1,44	674	1,01	145	165	180	200	220	240	265	290	315	340	365	395
1,41	75	106	2021	2,77	1028	1,62	674	1,13	137	157	172	192	212	232	257	282	308	333	358	388
1,42	60	85	2007	1,69	1021	1,05	669	0,76	166	186	201	221	241	261	286	311	336	361	386	416
1,42	67	95	2007	2,18	1021	1,32	669	0,95	152	172	187	207	227	247	272	298	323	348	373	403
1,42	106	150	2007	5,16	1021	2,97	669	2,06	—	—	—	132	152	173	198	223	248	273	298	328
Arc—Length Correction Factor									**0,80**	**0,81**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,91**
1,43	56	80	1993	1,40	1014	0,89	664	0,65	173	193	208	228	248	268	293	318	343	368	393	423
1,43	63	90	1993	1,90	1014	1,16	664	0,84	159	179	194	214	235	255	280	305	330	355	380	410
1,43	112	160	1993	5,60	1014	3,23	664	2,23	—	—	—	—	139	160	185	210	235	260	285	316
1,43	140	200	1993	7,55	1014	4,40	664	3,04	—	—	—	—	—	—	—	—	181	206	231	261
1,44	118	170	1979	6,03	1007	3,48	660	2,41	—	—	—	—	—	147	172	197	222	248	273	303
Arc—Length Correction Factor									**0,78**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,90**
1,44	125	180	1979	6,52	1007	3,78	660	2,61	—	—	—	—	—	—	158	184	209	234	259	289
1,44	132	190	1979	7,01	1007	4,07	660	2,81	—	—	—	—	—	—	—	170	195	220	246	276
1,47	85	125	1939	3,56	986	2,06	646	1,43	113	134	149	169	189	209	234	259	284	310	335	365
1,47	90	132	1939	3,95	986	2,28	646	1,58	—	124	139	159	180	200	225	250	275	300	325	355
1,47	95	140	1939	4,33	986	2,50	646	1,73	—	—	129	149	169	189	214	239	265	290	315	345
Arc—Length Correction Factor									**0,78**	**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,48	80	118	1926	3,17	980	1,84	642	1,28	123	143	158	179	199	219	244	269	294	319	344	374
1,49	67	100	1913	2,18	973	1,32	638	0,95	148	168	183	203	223	243	268	293	318	344	369	399
1,49	71	106	1913	2,45	973	1,44	638	1,01	140	160	175	195	215	235	260	286	311	336	361	391
1,49	75	112	1913	2,77	973	1,62	638	1,13	132	152	167	187	207	227	253	278	303	328	353	383
1,50	60	90	1900	1,69	967	1,05	633	0,76	162	182	197	217	237	257	282	307	332	357	382	412
Arc—Length Correction Factor									**0,78**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,88**	**0,89**	**0,90**	**0,90**
1,50	100	150	1900	4,71	967	2,71	633	1,88	—	—	—	136	157	177	202	227	253	278	303	333
1,51	63	95	1887	1,90	960	1,16	629	0,84	155	175	190	210	230	250	276	301	326	351	376	406
1,51	106	160	1887	5,16	960	2,97	629	2,06	—	—	—	—	144	164	189	214	240	265	290	320
1,51	140	212	1887	7,55	960	4,40	629	3,04	—	—	—	—	—	—	—	—	—	195	221	251
1,52	56	85	1875	1,40	954	0,89	625	0,65	169	189	204	224	244	264	289	314	339	364	389	419
Arc—Length Correction Factor									**0,78**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,90**
1,52	112	170	1875	5,60	954	3,23	625	2,23	—	—	—	—	—	151	176	202	227	252	277	307
1,52	125	190	1875	6,52	954	3,78	625	2,61	—	—	—	—	—	—	—	175	200	225	251	281
1,52	132	200	1875	7,01	954	4,07	625	2,81	—	—	—	—	—	—	—	—	186	212	237	267
1,53	118	180	1863	6,03	948	3,48	621	2,41	—	—	—	—	—	—	163	189	214	239	264	294
1,55	85	132	1839	3,56	935	2,06	613	1,43	—	127	143	163	183	203	228	254	279	304	329	359
Arc—Length Correction Factor									**0,78**	**0,79**	**0,81**	**0,81**	**0,82**	**0,83**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,56	80	125	1827	3,17	929	1,84	609	1,28	117	137	152	173	193	213	238	263	288	313	338	368
1,56	90	140	1827	3,95	929	2,28	609	1,58	—	117	132	152	173	193	218	243	268	293	318	349
1,57	75	118	1815	2,77	924	1,62	605	1,13	127	147	162	182	202	222	248	273	298	323	348	378
1,58	60	95	1804	1,74	918	1,07	601	0,78	157	177	193	213	233	253	278	303	328	353	378	408
1,58	67	106	1804	2,23	918	1,34	601	0,97	143	163	178	198	218	238	263	289	314	339	364	394
Arc—Length Correction Factor									**0,78**	**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,58	71	112	1804	2,50	918	1,46	601	1,03	135	155	170	190	210	230	256	281	306	331	356	386
1,58	95	150	1804	4,38	918	2,52	601	1,75	—	—	—	140	160	181	206	231	256	281	306	337
1,59	63	100	1792	1,95	912	1,18	597	0,86	151	171	186	206	226	246	271	296	322	347	372	402
1,60	100	160	1781	4,76	906	2,73	594	1,90	—	—	—	—	148	168	194	219	244	269	294	325

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
314	344	379	414	454	505	555	605	655	705	755	815	875	935	1005	1080	1155	1255	1330	1430	1530	1,36	
300	330	365	400	440	490	540	590	640	690	741	801	861	921	991	1066	1141	1241	1316	1416	1516	1,36	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
400	430	465	500	540	590	640	690	740	790	840	900	961	1021	1091	1166	1241	1341	1416	1516	1616	1,39	
391	421	456	491	531	581	631	681	731	781	831	891	951	1011	1081	1156	1231	1331	1406	1506	1606	1,39	
381	411	446	481	521	572	622	672	722	772	822	882	942	1002	1072	1147	1222	1322	1397	1497	1597	1,39	
409	439	474	509	549	599	649	699	749	799	849	909	969	1029	1099	1174	1249	1349	1424	1524	1624	1,40	
371	401	436	471	511	561	611	661	711	761	811	871	931	991	1061	1136	1211	1311	1386	1486	1586	1,40	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
426	456	491	526	566	616	666	716	766	816	866	926	986	1046	1116	1191	1266	1366	1441	1541	1641	1,41	
418	448	483	518	558	608	658	708	758	808	858	918	978	1038	1108	1183	1258	1358	1433	1533	1633	1,41	
446	476	511	546	586	636	686	736	786	836	886	946	1006	1066	1136	1211	1286	1386	1461	1561	1661	1,42	
433	463	498	533	573	623	673	723	773	823	873	933	993	1053	1123	1198	1273	1373	1448	1548	1648	1,42	
358	388	423	459	499	549	599	649	699	749	799	859	919	979	1049	1124	1199	1299	1374	1474	1574	1,42	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
453	483	518	553	593	643	693	743	793	843	893	953	1013	1073	1143	1218	1293	1393	1468	1568	1668	1,43	
440	470	505	540	580	630	680	730	780	830	880	940	1000	1060	1130	1205	1280	1380	1455	1555	1655	1,43	
346	376	411	446	486	536	586	636	686	736	786	846	906	966	1036	1111	1186	1286	1361	1461	1561	1,43	
292	322	357	392	432	482	532	582	632	682	732	793	853	913	983	1058	1133	1233	1308	1408	1508	1,43	
333	363	398	433	473	523	573	623	673	723	773	834	894	954	1024	1099	1174	1274	1349	1449	1549	1,44	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
319	349	385	420	460	510	560	610	660	710	760	820	880	940	1010	1085	1160	1260	1335	1435	1535	1,44	
306	336	371	406	446	496	546	597	647	697	747	807	867	927	997	1072	1147	1247	1322	1422	1522	1,44	
395	425	460	495	535	585	635	685	735	785	835	895	955	1015	1085	1160	1235	1335	1410	1510	1610	1,47	
385	415	450	485	525	575	625	675	725	775	825	885	945	1006	1076	1151	1226	1326	1401	1501	1601	1,47	
375	405	440	475	515	565	615	665	715	765	815	875	935	995	1065	1140	1215	1315	1390	1490	1590	1,47	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
404	434	469	504	544	594	644	694	744	794	844	904	964	1024	1094	1169	1244	1344	1419	1519	1619	1,48	
429	459	494	529	569	619	669	719	769	819	869	929	989	1049	1119	1194	1269	1369	1444	1544	1644	1,49	
421	451	486	521	561	611	661	711	761	811	861	921	981	1041	1111	1186	1261	1361	1436	1536	1636	1,49	
413	443	478	513	553	603	653	703	753	803	853	913	973	1033	1103	1178	1253	1353	1428	1528	1628	1,49	
442	472	507	542	582	632	682	732	782	832	882	942	1002	1062	1132	1207	1282	1382	1457	1557	1657	1,50	
0,91	**0,92**	**0,93**	**0,94**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
363	393	428	463	503	553	603	653	703	753	803	863	923	983	1053	1128	1203	1304	1379	1479	1579	1,50	
436	466	501	536	576	626	676	726	776	826	876	936	996	1056	1126	1201	1276	1376	1451	1551	1651	1,51	
350	380	415	450	490	541	591	641	691	741	791	851	911	971	1041	1116	1191	1291	1366	1466	1566	1,51	
281	312	347	382	422	472	522	573	623	673	723	783	843	903	973	1048	1123	1223	1298	1398	1498	1,51	
449	479	514	549	589	639	689	739	789	839	889	949	1009	1069	1139	1214	1289	1389	1464	1564	1664	1,52	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
337	367	403	438	478	528	578	628	678	728	778	838	898	958	1028	1103	1178	1278	1353	1453	1553	1,52	
311	341	376	411	452	502	552	602	652	702	752	812	872	932	1002	1077	1152	1252	1327	1427	1527	1,52	
297	328	363	398	438	488	538	588	638	689	739	799	859	919	989	1064	1139	1239	1314	1414	1514	1,52	
325	355	390	425	465	515	565	615	665	715	765	825	886	946	1016	1091	1166	1266	1341	1441	1541	1,53	
389	419	454	489	529	579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1,55	
0,91	**0,92**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
398	428	464	499	539	589	639	689	739	789	839	899	959	1019	1089	1164	1239	1339	1414	1514	1614	1,56	
379	409	444	479	519	569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1,56	
408	438	473	508	548	598	648	698	748	798	848	908	968	1028	1098	1173	1248	1348	1423	1523	1623	1,57	
438	468	503	538	578	628	678	728	778	828	878	938	998	1058	1128	1203	1278	1378	1453	1553	1653	1,58	
424	454	489	524	564	614	664	714	764	814	864	924	984	1044	1114	1189	1264	1364	1439	1539	1639	1,58	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
416	446	481	516	556	606	656	706	756	806	856	916	976	1036	1106	1181	1256	1356	1431	1531	1631	1,58	
367	397	432	467	507	557	607	657	707	757	807	867	927	987	1057	1132	1207	1307	1382	1482	1582	1,58	
432	462	497	532	572	622	672	722	772	822	872	932	992	1052	1122	1197	1272	1372	1447	1547	1647	1.59	
355	385	420	455	495	545	595	645	695	745	795	855	915	975	1045	1120	1196	1296	1371	1471	1571	1.60	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0,78**	**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,60	106	170	1781	5,21	906	2,99	594	2,08	—	—	—	—	—	155	181	206	231	256	282	312
Arc—Length Correction Factor									**0,76**	**0,77**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,85**	**0,86**	**0,87**	**0,88**
1,60	125	200	1781	6,57	906	3,80	594	2,63	—	—	—	—	—	—	—	166	191	217	242	272
1,60	140	224	1781	7,60	906	4,42	594	3,06	—	—	—	—	—	—	—	—	—	184	210	241
1,61	56	90	1770	1,45	901	0,91	590	0,67	165	185	200	220	240	260	285	310	335	360	385	415
1,61	112	180	1770	5,65	901	3,25	590	2,25	—	—	—	—	—	—	167	193	218	243	269	299
1,61	118	190	1770	6,08	901	3,50	590	2,43	—	—	—	—	—	—	—	180	205	230	256	286
Arc—Length Correction Factor									**0,72**	**0,75**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,84**	**0,84**	**0,86**	**0,87**	**0,87**
1,61	132	212	1770	7,06	901	4,09	590	2,83	—	—	—	—	—	—	—	—	175	201	226	257
1,65	80	132	1727	3,22	879	1,86	576	1,30	111	131	146	167	187	207	232	257	282	307	333	363
1,65	85	140	1727	3,61	879	2,08	576	1,45	—	120	136	156	176	196	222	247	272	297	322	352
1,66	71	118	1717	2,50	873	1,46	572	1,03	130	150	165	185	205	225	251	276	301	326	351	381
1,67	60	100	1707	1,74	868	1,07	569	0,78	153	173	188	208	229	249	274	299	324	349	374	404
Arc—Length Correction Factor									**0,78**	**0,80**	**0,81**	**0,81**	**0,82**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
1,67	67	112	1707	2,23	868	1,34	569	0,97	138	158	173	193	213	233	259	284	309	334	359	389
1,67	75	125	1707	2,82	868	1,64	569	1,15	120	141	156	176	196	217	242	267	292	317	342	372
1,67	90	150	1707	4,00	868	2,30	569	1,60	—	—	123	143	164	184	209	235	260	285	310	340
1,68	63	106	1696	1,95	863	1,18	565	0,86	146	166	181	201	221	241	266	292	317	342	367	397
1,68	95	160	1696	4,38	863	2,52	565	1,75	—	—	—	131	151	172	197	222	248	273	298	328
Arc—Length Correction Factor									**0,75**	**0,77**	**0,78**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,86**	**0,87**	**0,88**
1,69	118	200	1686	6,08	858	3,5	562	2,43	—	—	—	—	—	—	—	170	196	222	247	277
1,69	140	236	1686	7,60	858	4,42	562	3,06	—	—	—	—	—	—	—	—	—	—	199	230
1,70	56	95	1676	1,45	853	0,91	559	0,67	160	180	195	216	236	256	281	306	331	356	381	411
1,70	100	170	1676	4,76	853	2,73	559	1,9	—	—	—	—	139	159	185	210	235	261	286	316
1,70	106	180	1676	5,21	853	2,99	559	2,08	—	—	—	—	—	146	171	197	222	248	273	303
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**
1,70	112	190	1676	5,65	853	3,25	559	2,25	—	—	—	—	—	—	158	184	209	235	260	290
1,70	125	212	1676	6,57	853	3,80	559	2,63	—	—	—	—	—	—	—	—	180	206	231	262
1,70	132	224	1676	7,06	853	4,09	559	2,83	—	—	—	—	—	—	—	—	—	190	216	246
1,75	80	140	1629	3,22	829	1,86	543	1,30	—	124	139	159	180	200	225	251	276	301	326	356
1,76	67	118	1619	2,23	824	1,34	540	0,97	132	153	168	188	208	228	253	279	304	329	354	384
Arc—Length Correction Factor									**0,76**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,88**	**0,89**	**0,90**	**0,90**
1,76	71	125	1619	2,50	824	1,46	540	1,03	123	144	159	179	199	219	245	270	295	320	345	375
1,76	75	132	1619	2,82	824	1,64	540	1,15	114	134	150	170	190	211	236	261	286	311	336	366
1,76	85	150	1619	3,61	824	2,08	540	1,45	—	—	126	147	167	188	213	238	264	289	314	344
1,77	60	106	1610	1,74	819	1,07	537	0,78	148	168	183	203	224	244	269	294	319	344	369	399
1,78	63	112	1601	1,95	815	1,18	534	0,86	140	161	176	196	216	236	261	287	312	337	362	392
Arc—Length Correction Factor									**0,76**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,88**
1,78	90	160	1601	4,00	815	2,30	534	1,60	—	—	—	134	155	175	201	226	251	277	302	332
1,79	56	100	1592	1,45	810	0,91	531	0,67	156	176	191	211	231	252	277	302	327	352	377	407
1,79	95	170	1592	4,38	810	2,52	531	1,75	—	—	—	—	142	163	188	214	239	264	290	320
1,79	106	190	1592	5,21	810	2,99	531	2,08	—	—	—	—	—	—	162	188	214	239	264	295
1,79	112	200	1592	5,65	810	3,25	531	2,25	—	—	—	—	—	—	—	175	200	226	251	282
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,78**	**0,81**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**
1,79	125	224	1592	6,57	810	3,80	531	2,63	—	—	—	—	—	—	—	—	—	195	220	251
1,79	132	236	1592	7,06	810	4,09	531	2,83	—	—	—	—	—	—	—	—	—	—	205	235
1,79	140	250	1592	7,60	810	4,42	531	3,06	—	—	—	—	—	—	—	—	—	—	—	217
1,80	100	180	1583	4,76	806	2,73	528	1,90	—	—	—	—	—	150	176	201	227	252	277	308
1,80	118	212	1583	6,08	806	3,50	528	2,43	—	—	—	—	—	—	—	—	185	211	236	267
Arc—Length Correction Factor									**0,75**	**0,77**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,89**	**0,90**	**0,90**
1,86	71	132	1532	2,50	780	1,46	511	1,03	117	137	153	173	193	213	239	264	289	314	339	369
1,87	60	112	1524	1,74	775	1,07	508	0,78	143	163	178	198	218	239	264	289	314	339	364	394
1,87	63	118	1524	1,95	775	1,18	508	0,86	135	155	171	191	211	231	256	282	307	332	357	387
1,87	67	125	1524	2,23	775	1,34	508	0,97	126	146	162	182	202	222	248	273	298	323	348	378
1,87	75	140	1524	2,82	775	1,64	508	1,15	—	127	143	163	183	204	229	254	279	304	330	360

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
342	372	407	442	482	532	582	633	683	733	783	843	903	963	1033	1108	1183	1283	1358	1458	1558	1,60	
0,89	**0,90**	**0,91**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
303	333	368	403	443	493	544	594	644	694	744	804	864	924	994	1069	1144	1244	1319	1419	1519	1,60	
271	301	337	372	412	462	513	563	613	663	713	773	833	893	963	1038	1113	1214	1289	1389	1489	1,60	
445	475	510	545	585	635	685	735	785	835	885	945	1005	1065	1135	1210	1285	1385	1460	1560	1660	1,61	
329	359	394	429	470	520	570	620	670	720	770	830	890	950	1020	1095	1170	1270	1345	1445	1545	1,61	
316	346	382	417	457	507	557	607	657	707	757	817	877	938	1008	1083	1158	1258	1333	1433	1533	1,61	
0,89	**0,90**	**0,91**	**0,92**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
287	317	353	388	428	478	528	579	629	679	729	789	849	909	979	1054	1129	1229	1304	1404	1504	1,61	
393	423	458	493	533	583	633	683	733	783	833	893	953	1013	1083	1158	1233	1333	1408	1508	1608	1,65	
382	412	448	483	523	573	623	673	723	773	823	883	943	1003	1073	1148	1223	1323	1398	1498	1598	1,65	
411	441	476	511	551	601	651	701	751	801	851	911	971	1031	1101	1176	1251	1351	1426	1526	1626	1,66	
434	464	499	534	574	624	674	724	774	824	874	934	994	1054	1124	1199	1274	1374	1449	1549	1649	1,67	
0,91	**0,92**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
419	449	484	519	559	609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1,67	
402	432	467	502	542	592	643	693	743	793	843	903	963	1023	1093	1168	1243	1343	1418	1518	1618	1,67	
370	400	436	471	511	561	611	661	711	761	811	871	931	991	1061	1136	1211	1311	1386	1486	1586	1,67	
427	457	492	527	567	617	667	717	767	817	867	927	987	1047	1117	1192	1267	1367	1442	1542	1642	1,68	
358	388	424	459	499	549	599	649	699	749	799	859	919	979	1049	1124	1199	1299	1374	1474	1574	1,68	
0,89	**0,90**	**0,91**	**0,92**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
308	338	373	408	448	499	549	599	649	699	749	809	869	929	1000	1075	1150	1250	1325	1425	1525	1,69	
260	291	326	362	402	452	503	553	603	653	703	763	823	884	954	1029	1104	1204	1279	1379	1479	1,69	
441	471	506	541	581	631	681	731	781	831	881	941	1001	1061	1131	1206	1281	1381	1456	1556	1656	1,70	
346	376	412	447	487	537	587	637	687	737	787	847	907	967	1037	1112	1188	1288	1363	1463	1563	1,70	
333	364	399	434	474	524	574	624	674	725	775	835	895	955	1025	1100	1175	1275	1350	1450	1550	1,70	
0,89	**0,90**	**0,91**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
321	351	386	421	461	511	562	612	662	712	762	822	882	942	1012	1087	1162	1262	1337	1437	1537	1,70	
292	323	358	393	433	483	534	584	634	684	734	794	854	914	984	1060	1135	1235	1310	1410	1510	1,70	
277	307	342	378	418	468	518	569	619	669	719	779	839	899	969	1045	1120	1220	1295	1395	1495	1,70	
386	416	451	486	526	577	627	677	727	777	827	887	947	1007	1077	1152	1227	1327	1402	1502	1602	1,75	
414	444	479	514	554	604	654	704	754	804	854	914	974	1034	1104	1179	1255	1355	1430	1530	1630	1,76	
0,91	**0,92**	**0,93**	**0,94**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
405	435	470	505	545	596	646	696	746	796	846	906	966	1026	1096	1171	1246	1346	1421	1521	1621	1,76	
396	427	462	497	537	587	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	1,76	
374	404	439	474	514	565	615	665	715	765	815	875	935	995	1065	1140	1215	1315	1390	1490	1590	1,76	
429	459	494	529	569	619	669	719	769	819	869	929	989	1049	1119	1194	1269	1369	1445	1545	1645	1,77	
422	452	487	522	562	612	662	712	762	812	862	922	982	1042	1112	1187	1262	1362	1437	1537	1637	1,78	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
362	392	427	462	503	553	603	653	703	753	803	863	923	983	1053	1128	1203	1303	1378	1478	1578	1,78	
437	467	502	537	577	627	677	727	777	827	877	937	997	1057	1127	1202	1277	1377	1452	1552	1652	1,79	
350	380	415	450	491	541	591	641	691	741	791	851	911	971	1041	1116	1191	1291	1366	1466	1567	1,79	
325	355	390	426	466	516	566	616	666	716	766	827	887	947	1017	1092	1167	1267	1342	1442	1542	1,79	
312	342	378	413	453	503	553	603	654	704	754	814	874	934	1004	1079	1154	1254	1329	1429	1529	1,79	
0,88	**0,89**	**0,91**	**0,92**	**0,93**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
282	312	348	383	423	473	524	574	624	674	724	784	845	905	975	1050	1125	1225	1300	1400	1500	1,79	
266	297	332	367	408	458	508	559	609	659	709	769	829	890	960	1035	1110	1210	1285	1385	1485	1,79	
248	278	314	350	390	440	491	541	591	641	692	752	812	872	942	1017	1092	1193	1268	1368	1468	1,79	
338	368	403	438	479	529	579	629	679	729	779	839	899	959	1029	1104	1180	1280	1355	1455	1555	1,80	
297	328	363	398	438	489	539	589	639	689	739	800	860	920	990	1065	1140	1240	1315	1415	1515	1,80	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
399	430	465	500	540	590	640	690	740	790	840	900	960	1020	1090	1165	1240	1340	1415	1515	1615	1,86	
424	454	489	524	564	614	664	715	765	815	865	925	985	1045	1115	1190	1265	1365	1440	1540	1640	1,87	
417	447	482	517	557	607	657	707	757	807	857	918	978	1038	1108	1183	1258	1358	1433	1533	1633	1,87	
408	438	473	508	549	599	649	699	749	799	849	909	969	1029	1099	1174	1249	1349	1424	1524	1624	1,87	
390	420	455	490	530	580	630	680	731	781	831	891	951	1011	1081	1156	1231	1331	1406	1506	1606	1,87	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0,76**	**0,77**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,88**
1,88	80	150	1516	3,22	771	1,86	505	1,30	—	—	130	150	171	191	217	242	267	292	318	348
1,88	85	160	1516	3,61	771	2,08	505	1,45	—	—	—	138	158	179	204	230	255	280	305	336
1,89	56	106	1508	1,45	767	0,91	503	0,67	151	171	186	206	226	247	272	297	322	347	372	402
1,89	90	170	1508	4,00	767	2,30	503	1,60	—	—	—	—	145	166	192	217	243	268	293	323
1,89	95	180	1508	4,38	767	2,52	503	1,75	—	—	—	—	—	153	179	205	230	256	281	311
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,82**	**0,84**	**0,85**	**0,87**	**0,87**
1,89	106	200	1508	5,21	767	2,99	503	2,08	—	—	—	—	—	—	—	179	204	230	255	286
1,89	112	212	1508	5,65	767	3,25	503	2,25	—	—	—	—	—	—	—	163	189	215	240	271
1,89	125	236	1508	6,57	767	3,80	503	2,63	—	—	—	—	—	—	—	—	—	183	209	240
1,89	132	250	1508	7,06	767	4,09	503	2,83	—	—	—	—	—	—	—	—	—	—	—	222
1,90	100	190	1500	4,76	763	2,73	500	1,90	—	—	—	—	—	—	166	192	218	243	269	299
Arc—Length Correction Factor									**0,72**	**0,75**	**0,76**	**0,78**	**0,80**	**0,81**	**0,82**	**0,84**	**0,85**	**0,86**	**0,86**	**0,86**
1,90	118	224	1500	6,08	763	3,50	500	2,43	—	—	—	—	—	—	—	—	173	199	225	256
1,97	60	118	1447	1,78	736	1,09	482	0,79	137	158	173	193	213	233	259	284	309	334	359	389
1,97	67	132	1447	2,27	736	1,36	482	0,98	119	140	155	176	196	216	242	267	292	317	342	372
1,97	71	140	1447	2,54	736	1,48	482	1,04	109	130	145	166	186	206	232	257	282	307	333	363
1,98	63	125	1439	1,99	732	1,20	480	0,87	129	149	164	185	205	225	251	276	301	326	351	381
Arc—Length Correction Factor									**0,78**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,87**	**0,88**	**0,89**	**0,90**	**0,90**
2,00	56	112	1425	1,49	725	0,93	475	0,68	145	166	181	201	221	241	267	292	317	342	367	397
2,00	75	150	1425	2,86	725	1,66	475	1,16	—	117	133	154	174	195	220	246	271	296	321	351
2,00	80	160	1425	3,26	725	1,88	475	1,31	—	—	—	141	162	182	208	233	259	284	309	339
2,00	85	170	1425	3,65	725	2,10	475	1,46	—	—	—	128	149	169	195	221	246	271	297	327
2,00	90	180	1425	4,04	725	2,32	475	1,61	—	—	—	—	136	157	183	208	234	259	284	315
Arc—Length Correction Factor										**—**	**—**	**—**	**—**	**0,78**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,87**
2,00	95	190	1425	4,42	725	2,54	475	1,76	—	—	—	—	—	143	170	196	221	247	272	303
2,00	100	200	1425	4,80	725	2,75	475	1,91	—	—	—	—	—	—	157	183	209	234	260	290
2,00	106	212	1425	5,25	725	3,01	475	2,09	—	—	—	—	—	—	—	167	193	219	245	275
2,00	112	224	1425	5,69	725	3,27	475	2,26	—	—	—	—	—	—	—	—	177	204	229	260
2,00	118	236	1425	6,12	725	3,52	475	2,44	—	—	—	—	—	—	—	—	—	188	214	245
Arc—Length Correction Factor									**0,69**	**0,71**	**0,74**	**0,76**	**0,77**	**0,80**	**0,82**	**0,83**	**0,84**	**0,86**	**0,87**	**0,87**
2,00	125	250	1425	6,61	725	3,82	475	2,64	—	—	—	—	—	—	—	—	—	—	196	227
2,00	140	280	1425	7,64	725	4,44	475	3,07	—	—	—	—	—	—	—	—	—	—	—	—
2,08	60	125	1370	1,78	697	1,09	457	0,79	131	151	167	187	207	227	253	278	303	328	353	383
2,09	67	140	1364	2,27	694	1,36	455	0,98	112	132	148	169	189	209	235	260	285	310	336	366
2,10	63	132	1357	1,99	690	1,20	452	0,87	122	143	158	179	199	219	244	270	295	320	345	375
Arc—Length Correction Factor									**0,76**	**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,88**	**0,89**	**0,90**	**0,90**
2,11	56	118	1351	1,49	687	0,93	450	0,68	140	160	176	196	216	236	262	287	312	337	362	392
2,11	71	150	1351	2,54	687	1,48	450	1,04	—	120	136	157	177	198	223	248	274	299	324	354
2,11	90	190	1351	4,04	687	2,32	450	1,61	—	—	—	—	—	147	173	199	225	250	276	306
2,11	95	200	1351	4,42	687	2,54	450	1,76	—	—	—	—	—	—	160	186	212	238	263	294
2,11	106	224	1351	5,25	687	3,01	450	2,09	—	—	—	—	—	—	—	—	181	208	233	264
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,74**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	**0,85**	**0,86**
2,11	112	236	1351	5,69	687	3,27	450	2,26	—	—	—	—	—	—	—	—	—	192	218	249
2,12	85	180	1344	3,65	684	2,10	448	1,46	—	—	—	—	139	160	186	212	237	263	288	318
2,12	100	212	1344	4,80	684	2,75	448	1,91	—	—	—	—	—	—	—	171	197	223	249	279
2,12	118	250	1344	6,12	684	3,52	448	2,44	—	—	—	—	—	—	—	—	—	—	200	232
2,12	132	280	1344	7,10	684	4,11	448	2,84	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,74**	**0,76**	**0,77**	**0,78**	**0,79**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,88**	**0,88**
2,13	75	160	1338	2,86	681	1,66	446	1,16	—	—	123	144	165	186	211	237	262	287	313	343
2,13	80	170	1338	3,26	681	1,88	446	1,31	—	—	—	131	152	173	199	224	250	275	300	331
2,20	60	132	1295	1,78	659	1,09	432	0,79	124	145	160	181	201	221	247	272	297	322	347	378
2,22	63	140	1284	1,99	653	1,20	428	0,87	114	135	151	171	192	212	238	263	288	313	338	369
2,22	90	200	1284	4,04	653	2,32	428	1,61	—	—	—	—	—	—	163	189	215	241	267	297
Arc—Length Correction Factor									**0,75**	**0,77**	**0,78**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,90**	**0,90**
2,23	56	125	1278	1,49	650	0,93	426	0,68	133	154	169	190	210	230	256	281	306	331	356	386

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
378	408	443	478	518	568	618	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1,88	
366	396	431	466	506	556	607	657	707	757	807	867	927	987	1057	1132	1207	1307	1382	1482	1582	1,88	
432	462	497	532	572	622	672	722	772	822	872	932	993	1053	1123	1198	1273	1373	1448	1548	1648	1,89	
354	384	419	454	494	544	595	645	695	745	795	855	915	975	1045	1120	1195	1295	1370	1470	1570	1,89	
341	372	407	442	482	532	583	633	683	733	783	843	903	963	1033	1108	1183	1283	1358	1459	1559	1,89	
0,89	**0,90**	**0,91**	**0,92**	**0,93**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
316	347	382	417	457	508	558	608	658	708	758	818	879	939	1009	1084	1159	1259	1334	1434	1534	1,89	
302	332	367	403	443	493	543	594	644	694	744	804	864	924	994	1069	1145	1245	1320	1420	1520	1,89	
271	302	337	372	413	463	514	564	614	664	714	775	835	895	965	1040	1115	1215	1290	1391	1491	1,89	
253	284	320	355	396	446	497	547	597	647	698	758	818	878	948	1023	1099	1199	1274	1374	1474	1,89	
329	360	395	430	470	520	571	621	671	721	771	831	891	951	1021	1096	1171	1272	1347	1447	1547	1,90	
0,88	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
287	317	353	388	428	479	529	579	629	679	730	790	850	910	980	1055	1130	1230	1305	1406	1506	1,90	
419	449	484	519	560	610	660	710	760	810	860	920	980	1040	1110	1185	1260	1360	1435	1535	1635	1,97	
402	433	468	503	543	593	643	693	743	793	843	903	963	1023	1093	1168	1243	1343	1418	1518	1618	1,97	
393	423	458	493	533	583	633	683	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1609	1,97	
411	441	476	511	552	602	652	702	752	802	852	912	972	1032	1102	1177	1252	1352	1427	1527	1627	1,98	
0,91	**0,92**	**0,93**	**0,94**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
427	457	492	527	567	617	668	718	768	818	868	928	988	1048	1118	1193	1268	1368	1443	1543	1643	2,00	
382	412	447	482	522	572	622	672	722	772	823	883	943	1003	1073	1148	1223	1323	1398	1498	1598	2,00	
369	400	435	470	510	560	610	660	710	761	811	871	931	991	1061	1136	1211	1311	1386	1486	1586	2,00	
357	387	423	458	498	548	598	648	699	749	799	859	919	979	1049	1124	1199	1299	1374	1474	1574	2,00	
345	375	411	446	486	536	586	636	687	737	787	847	907	967	1037	1112	1187	1287	1362	1462	1562	2,00	
0,89	**0,90**	**0,91**	**0,92**	**0,93**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
333	363	398	434	474	524	574	624	675	725	775	835	895	955	1025	1100	1175	1275	1350	1450	1551	2,00	
321	351	386	422	462	512	562	612	663	713	763	823	883	943	1013	1088	1163	1264	1339	1439	1539	2,00	
306	336	372	407	447	498	548	598	648	698	748	809	869	929	999	1074	1149	1249	1324	1424	1524	2,00	
291	321	357	392	433	483	533	584	634	684	734	794	854	915	985	1060	1135	1235	1310	1410	1510	2,00	
276	306	342	377	418	468	519	569	619	670	720	780	840	900	970	1045	1121	1221	1296	1396	1496	2,00	
0,88	**0,90**	**0,91**	**0,91**	**0,92**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	**1,13**	**1,15**		
258	289	325	360	401	451	502	552	602	653	703	763	823	883	954	1029	1104	1204	1279	1379	1479	2,00	
219	251	287	323	364	414	465	516	566	616	667	727	787	847	918	993	1068	1168	1243	1343	1444	2,00	
413	444	479	514	554	604	654	704	754	804	854	914	974	1034	1104	1179	1254	1354	1429	1529	1629	2,08	
396	426	461	496	536	586	636	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	2,09	
405	436	471	506	546	596	646	696	746	796	846	906	966	1026	1096	1171	1246	1346	1422	1522	1622	2,10	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
422	452	487	522	563	613	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	2,11	
384	415	450	485	525	575	625	675	725	776	826	886	946	1006	1076	1151	1226	1326	1401	1501	1601	2,11	
336	367	402	437	478	528	578	628	678	728	779	839	899	959	1029	1104	1179	1279	1354	1454	1554	2,11	
324	355	390	425	465	516	566	616	666	717	767	827	887	947	1017	1092	1167	1267	1342	1442	1543	2,11	
295	326	361	397	437	487	538	588	638	688	739	799	859	919	989	1064	1139	1240	1315	1415	1515	2,11	
0,86	**0,89**	**0,90**	**0,91**	**0,93**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	**1,13**	**1,15**		
280	311	346	382	422	473	523	573	624	674	724	784	845	905	975	1050	1125	1225	1300	1400	1501	2,11	
349	379	414	449	490	540	590	640	690	740	791	851	911	971	1041	1116	1191	1291	1366	1466	1566	2,12	
310	340	376	411	452	502	552	602	653	703	753	813	873	933	1004	1079	1154	1254	1329	1429	1529	2,12	
263	294	330	365	406	456	507	557	608	658	708	768	828	889	959	1034	1109	1209	1284	1385	1485	2,12	
224	256	292	328	369	420	471	521	572	622	673	733	793	853	924	999	1074	1174	1249	1350	1450	2,12	
0,89	**0,90**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
373	403	438	474	514	564	614	664	714	764	814	874	935	995	1065	1140	1215	1315	1390	1490	1590	2,13	
361	391	426	462	502	552	602	652	702	752	802	863	923	983	1053	1128	1203	1303	1378	1478	1578	2,13	
408	438	473	508	548	598	648	698	748	798	849	909	969	1029	1099	1174	1249	1349	1424	1524	1624	2,20	
399	429	464	499	539	589	639	690	740	790	840	900	960	1020	1090	1165	1240	1340	1415	1515	1615	2,22	
328	358	394	429	469	519	570	620	670	720	770	831	891	951	1021	1096	1171	1271	1346	1446	1546	2,22	
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
416	447	482	517	557	607	657	707	757	807	857	917	977	1037	1107	1182	1257	1357	1432	1533	1633	2,23	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**0,75**	**0,77**	**0,78**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,90**	**0,90**
2,23	95	212	1278	4,42	650	2,54	426	1,76	—	—	—	—	—	—	—	174	200	226	252	283
2,23	106	236	1278	5,25	650	3,01	426	2,09	—	—	—	—	—	—	—	—	—	196	222	253
2,23	112	250	1278	5,69	650	3,27	426	2,26	—	—	—	—	—	—	—	—	—	—	204	236
2,24	67	150	1272	2,27	647	1,36	424	0,98	—	123	138	159	180	200	226	251	277	302	327	357
Arc—Length Correction Factor									**—**	**—**	**0,72**	**0,75**	**0,77**	**0,77**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,87**
2,24	85	190	1272	3,65	647	2,10	424	1,46	—	—	—	—	—	150	176	202	228	254	279	310
2,24	100	224	1272	4,80	647	2,75	424	1,91	—	—	—	—	—	—	—	—	185	212	238	269
2,24	125	280	1272	6,61	647	3,82	424	2,64	—	—	—	—	—	—	—	—	—	—	—	—
2,25	71	160	1267	2,54	644	1,48	422	1,04	—	—	126	147	168	188	214	240	265	290	316	346
2,25	80	180	1267	3,26	644	1,88	422	1,31	—	—	—	—	142	163	189	215	241	266	292	322
Arc—Length Correction Factor									**0,53**	**0,63**	**0,66**	**0,69**	**0,72**	**0,73**	**0,76**	**0,78**	**0,81**	**0,82**	**0,85**	**0,85**
2,25	140	315	1267	7,64	644	4,44	422	3,07	—	—	—	—	—	—	—	—	—	—	—	—
2,27	75	170	1256	2,86	639	1,66	419	1,16	—	—	—	134	155	176	202	228	253	279	304	334
2,33	60	140	1223	1,78	622	1,09	408	0,79	116	137	153	173	194	214	240	265	290	315	341	371
2,35	85	200	1213	3,65	617	2,10	404	1,46	—	—	—	—	—	—	166	193	219	245	270	301
2,36	56	132	1208	1,49	614	0,93	403	0,68	127	148	163	183	204	224	250	275	300	325	350	381
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,80**	**0,83**	**0,84**	**0,86**	**0,86**
2,36	90	212	1208	4,04	614	2,32	403	1,61	—	—	—	—	—	—	—	177	204	230	256	286
2,36	95	224	1208	4,42	614	2,54	403	1,76	—	—	—	—	—	—	—	162	189	215	241	272
2,36	100	236	1208	4,80	614	2,75	403	1,91	—	—	—	—	—	—	—	—	173	200	226	257
2,36	106	250	1208	5,25	614	3,01	403	2,09	—	—	—	—	—	—	—	—	—	181	208	240
2,37	118	280	1203	6,12	612	3,52	401	2,44	—	—	—	—	—	—	—	—	—	—	—	201
Arc—Length Correction Factor									**—**	**0,75**	**0,76**	**0,78**	**0,80**	**0,81**	**0,84**	**0,84**	**0,85**	**0,87**	**0,88**	**0,88**
2,38	63	150	1197	1,99	609	1,20	399	0,87	—	125	141	162	183	203	229	254	279	305	330	360
2,38	80	190	1197	3,26	609	1,88	399	1,31	—	—	—	—	—	153	180	206	232	257	283	313
2,39	67	160	1192	2,27	607	1,36	397	0,98	—	—	128	150	170	191	217	242	268	293	318	349
2,39	71	170	1192	2,54	607	1,48	397	1,04	—	—	—	137	158	179	205	230	256	281	307	337
2,39	132	315	1192	7,10	607	4,11	397	2,84	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,76**	**0,78**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,87**
2,40	75	180	1188	2,86	604	1,66	396	1,16	—	—	—	—	145	167	193	219	244	270	295	326
2,48	95	236	1149	4,42	585	2,54	383	1,76	—	—	—	—	—	—	—	—	176	203	229	261
2,49	85	212	1145	3,65	582	2,10	382	1,46	—	—	—	—	—	—	154	181	207	233	259	290
2,49	90	224	1145	4,04	582	2,32	382	1,61	—	—	—	—	—	—	—	165	192	218	244	275
2,50	56	140	1140	1,49	580	0,93	380	0,68	119	140	155	176	197	217	243	268	293	318	344	374
Arc—Length Correction Factor									**0,70**	**0,73**	**0,76**	**0,78**	**0,80**	**0,81**	**0,84**	**0,84**	**0,85**	**0,87**	**0,88**	**0,88**
2,50	60	150	1140	1,78	580	1,09	380	0,79	106	127	143	164	185	205	231	256	282	307	332	362
2,50	80	200	1140	3,26	580	1,88	380	1,31	—	—	—	—	—	143	170	196	222	248	274	304
2,50	100	250	1140	4,80	580	2,75	380	1,91	—	—	—	—	—	—	—	—	—	185	212	244
2,50	112	280	1140	5,69	580	3,27	380	2,26	—	—	—	—	—	—	—	—	—	—	—	205
2,52	125	315	1131	6,61	575	3,82	377	2,64	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**0,67**	**0,72**	**0,73**	**0,74**	**0,77**	**0,79**	**0,82**	**0,84**	**0,85**	**0,86**	**0,87**
2,53	75	190	1126	2,86	573	1,66	375	1,16	—	—	—	—	135	156	183	209	235	261	286	317
2,54	63	160	1122	1,99	571	1,20	374	0,87	—	115	131	152	173	194	220	245	271	296	321	352
2,54	67	170	1122	2,27	571	1,36	374	0,98	—	—	—	139	161	182	208	233	259	284	310	340
2,54	71	180	1122	2,54	571	1,48	374	1,04	—	—	—	126	148	169	195	221	247	273	298	328
2,54	140	355	1122	7,64	571	4,44	374	3,07	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,78**	**0,77**	**0,80**	**0,83**	**0,85**
2,62	90	236	1088	4,04	553	2,32	363	1,61	—	—	—	—	—	—	—	—	179	206	233	264
2,63	95	250	1084	4,42	551	2,54	361	1,76	—	—	—	—	—	—	—	—	—	188	215	247
2,64	85	224	1080	3,65	549	2,10	360	1,46	—	—	—	—	—	—	—	168	195	222	248	279
2,64	106	280	1080	5,25	549	3,01	360	2,09	—	—	—	—	—	—	—	—	—	—	—	209
2,65	80	212	1075	3,26	547	1,88	358	1,31	—	—	—	—	—	—	157	184	210	237	262	293
Arc—Length Correction Factor									**—**	**0,71**	**0,74**	**0,76**	**0,79**	**0,80**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**
2,67	60	160	1067	1,78	543	1,09	356	0,79	—	117	133	154	175	196	222	247	273	298	323	354
2,67	75	200	1067	2,86	543	1,66	356	1,16	—	—	—	—	—	146	173	199	225	251	277	308

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						Speed Ratio
SPZ Belt Length Designation																						
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,91	**0,92**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
314	344	379	415	455	506	556	606	656	707	757	817	877	937	1007	1082	1158	1258	1333	1433	1533	2,23	
284	315	351	386	427	477	528	578	628	678	729	789	849	909	979	1055	1130	1230	1305	1405	1505	2,23	
267	298	334	369	410	461	511	562	612	662	712	773	833	893	963	1039	1114	1214	1289	1389	1489	2,23	
387	418	453	488	528	578	628	678	728	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	2,24	
0,88	**0,90**	**0,91**	**0,92**	**0,93**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
340	370	406	441	481	532	582	632	682	732	782	842	903	963	1033	1108	1183	1283	1358	1458	1558	2,24	
299	330	365	401	441	492	542	592	643	693	743	803	863	924	994	1069	1144	1244	1319	1419	1519	2,24	
229	261	297	333	374	425	476	526	577	627	678	738	798	859	929	1004	1079	1180	1255	1355	1455	2,24	
376	406	441	477	517	567	617	667	717	767	817	878	938	998	1068	1143	1218	1318	1393	1493	1593	2,25	
352	383	418	453	493	544	594	644	694	744	794	854	915	975	1045	1120	1195	1295	1370	1470	1570	2,25	
0,86	**0,87**	**0,88**	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
—	—	253	290	331	383	434	485	536	586	637	697	758	818	889	964	1039	1139	1215	1315	1415	2,25	
365	395	430	465	505	556	606	656	706	756	806	866	926	987	1057	1132	1207	1307	1382	1482	1582	2,27	
401	431	466	501	542	592	642	692	742	792	842	902	962	1022	1092	1167	1242	1342	1417	1517	1618	2,33	
331	362	397	432	473	523	573	624	674	724	774	834	894	955	1025	1100	1175	1275	1350	1450	1550	2,35	
411	441	476	511	551	601	651	701	751	802	852	912	972	1032	1102	1177	1252	1352	1427	1527	1627	2,36	
0,88	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,15**		
317	348	383	418	459	509	560	610	660	710	760	821	881	941	1011	1086	1161	1261	1337	1437	1537	2,36	
303	333	369	404	445	495	546	596	646	697	747	807	867	927	997	1073	1148	1248	1323	1423	1523	2,36	
288	319	355	390	431	481	532	582	633	683	733	793	854	914	984	1059	1134	1234	1309	1410	1510	2,36	
271	302	338	374	414	465	516	566	616	667	717	777	837	898	968	1043	1118	1218	1294	1394	1494	2,36	
234	265	302	338	379	430	481	531	582	632	683	743	803	864	934	1009	1085	1185	1260	1360	1460	2,37	
0,89	**0,90**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
390	421	456	491	531	581	631	681	732	782	832	892	952	1012	1082	1157	1232	1332	1407	1507	1607	2,38	
344	374	409	445	485	535	585	636	686	736	786	846	906	966	1037	1112	1187	1287	1362	1462	1562	2,38	
379	409	444	480	520	570	620	670	720	770	820	881	941	1001	1071	1146	1221	1321	1396	1496	1596	2,39	
367	398	433	468	508	559	609	659	709	759	809	869	929	990	1060	1135	1210	1310	1385	1485	1585	2,39	
—	—	258	295	337	388	440	491	541	592	643	703	764	824	894	970	1045	1145	1221	1321	1421	2,39	
0,89	**0,90**	**0,91**	**0,92**	**0,93**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
356	386	422	457	497	547	598	648	698	748	798	858	918	978	1049	1124	1199	1299	1374	1474	1574	2,40	
292	322	358	394	434	485	536	586	636	687	737	797	857	917	988	1063	1138	1238	1313	1413	1514	2,48	
321	351	387	422	462	513	563	614	664	714	764	824	885	945	1015	1090	1165	1265	1340	1440	1541	2,49	
306	337	372	408	449	499	549	600	650	700	751	811	871	931	1001	1076	1152	1252	1327	1427	1527	2,49	
404	434	469	504	545	595	645	695	745	795	845	905	965	1025	1095	1170	1245	1345	1421	1521	1621	2,50	
0,89	**0,90**	**0,93**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
393	423	458	493	533	583	634	684	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1610	2,50	
335	365	401	436	476	527	577	627	678	728	778	838	898	958	1028	1104	1179	1279	1354	1454	1554	2,50	
275	306	342	378	419	469	520	570	621	671	721	782	842	902	972	1048	1123	1223	1298	1398	1498	2,50	
237	269	306	342	383	434	485	536	586	637	687	748	808	868	939	1014	1089	1189	1264	1365	1465	2,50	
—	224	262	300	341	393	444	495	546	597	648	708	769	829	900	975	1050	1151	1226	1326	1426	2,52	
0,88	**0,89**	**0,91**	**0,92**	**0,93**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
347	378	413	448	489	539	589	639	690	740	790	850	910	970	1040	1115	1191	1291	1366	1466	1566	2,53	
382	412	447	483	523	573	623	673	723	773	824	884	944	1004	1074	1149	1224	1324	1399	1499	1599	2,54	
370	401	436	471	511	562	612	662	712	762	812	872	933	993	1063	1138	1213	1313	1388	1488	1588	2,54	
359	389	424	460	500	550	600	651	701	751	801	861	921	981	1052	1127	1202	1302	1377	1477	1577	2,54	
—	—	—	248	292	345	397	449	500	551	602	663	723	784	855	930	1006	1106	1182	1282	1382	2,54	
0,86	**0,87**	**0,88**	**0,91**	**0,92**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,15**		
295	326	362	397	438	489	539	590	640	690	740	801	861	921	991	1067	1142	1242	1317	1417	1517	2,62	
278	309	345	381	422	473	523	574	624	675	725	785	846	906	976	1051	1127	1227	1302	1402	1502	2,63	
310	340	376	412	452	503	553	603	654	704	754	814	875	935	1005	1080	1155	1256	1331	1431	1531	2,64	
241	273	310	346	387	438	489	540	591	641	692	752	812	873	943	1018	1094	1194	1269	1369	1469	2,64	
324	355	390	426	466	517	567	617	668	718	768	828	888	948	1019	1094	1169	1269	1344	1444	1544	2,65	
0,89	**0,90**	**0,91**	**0,92**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
384	414	450	485	525	575	625	675	726	776	826	886	946	1006	1076	1151	1226	1326	1401	1501	1602	2,67	
338	369	404	440	480	530	581	631	681	731	782	842	902	962	1032	1107	1182	1283	1358	1458	1558	2,67	

SPZ

Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		SPZ Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									**—**	**0,71**	**0,74**	**0,76**	**0,79**	**0,80**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**
2,67	118	315	1067	6,12	543	3,52	356	2,44	—	—	—	—	—	—	—	—	—	—	—	—
2,68	56	150	1063	1,49	541	0,93	354	0,68	108	130	146	167	187	208	234	259	284	310	335	365
2,68	71	190	1063	2,54	541	1,48	354	1,04	—	—	—	—	137	159	186	212	238	263	289	320
Arc—Length Correction Factor									**—**	**—**	**—**	**0,73**	**0,76**	**0,78**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,87**
2,69	67	180	1059	2,27	539	1,36	353	0,98	—	—	—	129	150	172	198	224	250	275	301	331
2,69	132	355	1059	7,10	539	4,11	353	2,84	—	—	—	—	—	—	—	—	—	—	—	—
2,70	63	170	1056	1,99	537	1,20	352	0,87	—	—	120	142	163	184	210	236	262	287	313	343
2,78	85	236	1025	3,65	522	2,10	342	1,46	—	—	—	—	—	—	—	—	182	209	236	267
2,78	90	250	1025	4,04	522	2,32	342	1,61	—	—	—	—	—	—	—	—	—	191	218	250
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,77**	**0,79**	**0,82**	**0,85**	**0,85**
2,80	80	224	1018	3,26	518	1,88	339	1,31	—	—	—	—	—	—	—	171	198	225	251	282
2,80	100	280	1018	4,80	518	2,75	339	1,91	—	—	—	—	—	—	—	—	—	—	—	213
2,81	112	315	1014	5,69	516	3,27	338	2,26	—	—	—	—	—	—	—	—	—	—	—	—
2,82	71	200	1011	2,54	514	1,48	337	1,04	—	—	—	—	—	148	175	202	228	254	280	311
2,83	60	170	1007	1,78	512	1,09	336	0,79	—	—	122	144	165	186	212	238	264	289	315	345
Arc—Length Correction Factor									**—**	**—**	**0,72**	**0,73**	**0,76**	**0,78**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,87**
2,86	63	180	997	1,99	507	1,20	332	0,87	—	—	—	131	153	174	201	227	252	278	304	334
2,83	75	212	1007	2,86	512	1,66	336	1,16	—	—	—	—	—	—	160	187	214	240	266	297
2,84	67	190	1004	2,27	511	1,36	335	0,98	—	—	—	—	140	162	188	214	240	266	292	322
2,84	125	355	1004	6,61	511	3,82	335	2,64	—	—	—	—	—	—	—	—	—	—	—	—
2,86	56	160	997	1,49	507	0,93	332	0,68	—	119	135	157	178	199	224	250	276	301	326	357
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,65**	**0,66**	**0,73**	**0,75**
2,86	140	400	997	7,64	507	4,44	332	3,07	—	—	—	—	—	—	—	—	—	—	—	—
2,94	85	250	969	3,65	493	2,10	323	1,46	—	—	—	—	—	—	—	—	—	195	222	254
2,95	80	236	966	3,26	492	1,88	322	1,31	—	—	—	—	—	—	—	—	186	213	239	271
2,95	95	280	966	4,42	492	2,54	322	1,76	—	—	—	—	—	—	—	—	—	—	—	216
2,97	106	315	960	5,25	488	3,01	320	2,09	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**0,69**	**0,74**	**0,75**	**0,77**	**0,80**	**0,83**	**0,84**	**0,86**	**0,86**
2,99	67	200	953	2,27	485	1,36	318	0,98	—	—	—	—	—	151	178	205	231	257	283	313
2,99	71	212	953	2,54	485	1,48	318	1,04	—	—	—	—	—	—	163	190	216	243	269	300
2,99	75	224	953	2,86	485	1,66	318	1,16	—	—	—	—	—	—	—	174	202	228	254	286
3,00	60	180	950	1,78	483	1,09	317	0,79	—	—	—	133	155	176	203	229	255	280	306	336
3,01	118	355	947	6,12	482	3,52	316	2,44	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**0,68**	**0,73**	**0,74**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**
3,02	63	190	944	1,99	480	1,20	315	0,87	—	—	—	—	142	164	191	217	243	269	295	325
3,03	132	400	941	7,10	479	4,11	314	2,84	—	—	—	—	—	—	—	—	—	—	—	—
3,04	56	170	938	1,49	477	0,93	313	0,68	—	—	125	147	168	189	215	241	266	292	317	348
3,11	90	280	916	4,04	466	2,32	305	1,61	—	—	—	—	—	—	—	—	—	—	—	219
3,13	80	250	911	3,26	463	1,88	304	1,31	—	—	—	—	—	—	—	—	170	198	225	257
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,71**	**0,77**	**0,79**	**0,82**	**0,85**	**0,85**
3,15	71	224	905	2,54	460	1,48	302	1,04	—	—	—	—	—	—	149	177	204	231	257	288
3,15	75	236	905	2,86	460	1,66	302	1,16	—	—	—	—	—	—	—	161	189	216	243	274
3,15	100	315	905	4,80	460	2,75	302	1,91	—	—	—	—	—	—	—	—	—	—	—	—
3,16	67	212	902	2,27	459	1,36	301	0,98	—	—	—	—	—	—	165	192	219	245	271	302
3,17	60	190	899	1,78	457	1,09	300	0,79	—	—	—	—	144	166	193	219	245	271	297	327
Arc—Length Correction Factor									**—**	**—**	**—**	**0,69**	**0,74**	**0,75**	**0,77**	**0,80**	**0,83**	**0,84**	**0,86**	**0,86**
3,17	63	200	899	1,99	457	1,20	300	0,87	—	—	—	—	—	153	181	207	233	260	285	316
3,17	112	355	899	5,69	457	3,27	300	2,26	—	—	—	—	—	—	—	—	—	—	—	—
3,20	125	400	891	6,61	453	3,82	297	2,64	—	—	—	—	—	—	—	—	—	—	—	—
3,21	56	180	888	1,49	452	0,93	296	0,68	—	—	—	136	158	179	205	231	257	283	309	339
3,29	85	280	866	3,65	441	2,10	289	1,46	—	—	—	—	—	—	—	—	—	—	188	222
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,65**	**0,71**	**0,74**	**0,72**	**0,77**	**0,80**	**0,83**	**0,85**
3,32	71	236	858	2,54	437	1,48	286	1,04	—	—	—	—	—	—	—	163	191	218	245	277
3,32	95	315	858	4,42	437	2,54	286	1,76	—	—	—	—	—	—	—	—	—	—	—	—
3,33	60	200	856	1,78	435	1,09	285	0,79	—	—	—	—	132	155	182	209	235	262	287	318

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
SPZ Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	
0,89	**0,90**	**0,91**	**0,92**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
—	229	267	304	346	398	449	500	551	602	653	713	774	834	905	980	1055	1156	1231	1331	1432	2,67	
395	426	461	496	536	586	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1413	1513	1613	2,68	
350	380	416	451	492	542	592	642	693	743	793	853	913	973	1043	1119	1194	1294	1369	1469	1569	2,68	
0,88	**0,90**	**0,91**	**0,92**	**0,93**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
362	392	427	463	503	553	603	654	704	754	804	864	924	984	1055	1130	1205	1305	1380	1480	1580	2,69	
—	—	—	253	297	350	402	454	505	557	607	668	729	790	860	936	1012	1112	1187	1288	1388	2,69	
373	404	439	474	514	565	615	665	715	765	815	875	936	996	1066	1141	1216	1316	1391	1491	1591	2,70	
298	329	365	401	442	492	543	593	644	694	744	804	865	925	995	1070	1146	1246	1321	1421	1521	2,78	
282	313	349	385	426	476	527	578	628	678	729	789	849	910	980	1055	1130	1230	1306	1406	1506	2,78	
0,86	**0,87**	**0,90**	**0,91**	**0,92**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,15**		
313	344	380	415	456	506	557	607	657	708	758	818	878	939	1009	1084	1159	1259	1334	1435	1535	2,80	
245	277	314	350	391	443	493	544	595	645	696	756	817	877	947	1023	1098	1198	1274	1374	1474	2,80	
—	233	271	308	350	402	453	505	556	606	657	718	778	839	909	985	1060	1160	1236	1336	1436	2,81	
341	372	407	443	483	533	584	634	684	734	785	845	905	965	1035	1110	1186	1286	1361	1461	1561	2,82	
375	406	441	476	517	567	617	667	717	767	818	878	938	998	1068	1143	1218	1318	1393	1493	1594	2,83	
0,88	**0,90**	**0,91**	**0,92**	**0,93**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
365	395	430	466	506	556	606	657	707	757	807	867	927	988	1058	1133	1208	1308	1383	1483	1583	2,86	
328	358	394	429	470	520	571	621	671	721	772	832	892	952	1022	1098	1173	1273	1348	1448	1548	2,83	
353	383	419	454	494	545	595	645	696	746	796	856	916	976	1046	1122	1197	1297	1372	1472	1572	2,84	
—	—	—	258	301	355	407	459	510	561	612	673	734	795	866	941	1017	1117	1193	1293	1393	2,84	
387	417	452	488	528	578	628	678	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1505	1605	2,86	
0,78	**0,81**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**	**0,92**	**0,95**	**0,96**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,14**		
—	—	—	—	—	298	352	405	458	510	561	623	684	745	816	892	967	1068	1144	1244	1345	2,86	
285	316	352	388	429	480	531	581	632	682	732	793	853	913	984	1059	1134	1234	1309	1410	1510	2,94	
302	333	369	404	445	496	546	597	647	698	748	808	868	929	999	1074	1149	1250	1325	1425	1525	2,95	
248	280	317	354	395	446	497	548	598	649	700	760	820	881	951	1026	1102	1202	1277	1378	1478	2,95	
—	236	275	312	354	406	458	509	560	611	661	722	783	843	914	989	1064	1165	1240	1340	1441	2,97	
0,88	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	**1,13**	**1,15**		
344	375	410	445	486	536	587	637	687	737	788	848	908	968	1038	1113	1189	1289	1364	1464	1564	2,99	
330	361	397	432	473	523	574	624	674	724	775	835	895	955	1025	1101	1176	1276	1351	1451	1551	2,99	
317	347	383	419	459	510	560	611	661	711	762	822	882	942	1013	1088	1163	1263	1338	1438	1538	2,99	
367	397	432	468	508	558	609	659	709	759	809	870	930	990	1060	1135	1210	1310	1385	1485	1585	3,00	
—	—	—	262	306	359	412	464	515	566	617	678	739	800	871	946	1022	1122	1198	1298	1399	3,01	
0,88	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,15**		
356	386	422	457	497	548	598	648	699	749	799	859	919	979	1049	1125	1200	1300	1375	1475	1575	3,02	
—	—	—	—	—	303	357	411	463	515	567	628	689	750	821	897	973	1074	1150	1250	1351	3,03	
378	409	444	479	519	570	620	670	720	770	821	881	941	1001	1071	1146	1221	1321	1396	1497	1597	3,04	
252	284	320	357	398	450	501	551	602	653	703	764	824	884	955	1030	1105	1206	1281	1381	1482	3,11	
288	320	356	392	433	483	534	585	635	686	736	796	857	917	987	1063	1138	1238	1313	1413	1514	3,13	
0,86	**0,87**	**0,90**	**0,91**	**0,92**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,15**		
319	350	386	421	462	513	563	614	664	714	765	825	885	945	1016	1091	1166	1266	1341	1441	1542	3,15	
305	336	372	408	449	499	550	600	651	701	752	812	872	932	1003	1078	1153	1253	1328	1429	1529	3,15	
—	240	278	316	358	410	462	513	564	615	666	726	787	847	918	993	1069	1169	1245	1345	1445	3,15	
333	364	399	435	475	526	576	627	677	727	778	838	898	958	1028	1104	1179	1279	1354	1454	1554	3,16	
358	388	424	459	500	550	600	651	701	751	801	861	921	982	1052	1127	1202	1302	1377	1477	1577	3,17	
0,88	**0,89**	**0,90**	**0,91**	**0,93**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,13**	**1,15**		
347	377	413	448	489	539	590	640	690	740	791	851	911	971	1041	1116	1192	1292	1367	1467	1567	3,17	
—	—	—	266	310	363	416	468	519	570	622	683	743	804	875	951	1026	1127	1202	1303	1403	3,17	
—	—	—	—	—	307	362	415	468	520	571	633	694	755	826	902	978	1079	1155	1255	1356	3,20	
370	400	435	471	511	561	612	662	712	762	812	873	933	993	1063	1138	1213	1313	1388	1488	1589	3,21	
255	287	324	360	402	453	504	555	606	656	707	767	828	888	959	1034	1109	1210	1285	1385	1485	3,29	
0,86	**0,87**	**0,88**	**0,89**	**0,92**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
308	339	375	411	451	502	553	603	654	704	754	815	875	935	1006	1081	1156	1256	1331	1432	1532	3,32	
209	243	282	319	361	414	465	516	567	618	669	730	790	851	922	997	1073	1173	1248	1349	1449	3,32	
349	379	415	450	491	541	592	642	692	743	793	853	913	973	1044	1119	1194	1294	1369	1469	1569	3,33	

SPZ Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		SPZ Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,65**	**0,71**	**0,74**	**0,72**	**0,77**	**0,80**	**0,83**	**0,85**	
3,33	75	250	856	2,86	435	1,66	285	1,16	—	—	—	—	—	—	—	—	173	201	228	260	
3,34	67	224	853	2,27	434	1,36	284	0,98	—	—	—	—	—	—	151	179	207	233	260	291	
Arc—Length Correction Factor									**—**	**—**	**—**	**0,55**	**0,55**	**0,56**	**0,57**	**0,64**	**0,69**	**0,74**	**0,77**	**0,79**	
3,35	106	355	851	5,25	433	3,01	284	2,09	—	—	—	—	—	—	—	—	—	—	—	—	
3,37	63	212	846	1,99	430	1,20	282	0,87	—	—	—	—	—	139	168	195	222	248	274	305	
3,39	56	190	841	1,49	428	0,93	280	0,68	—	—	—	124	147	169	195	222	248	274	299	330	
3,39	118	400	841	6,12	428	3,52	280	2,44	—	—	—	—	—	—	—	—	—	—	—	—	
3,50	80	280	814	3,29	414	1,90	271	1,32	—	—	—	—	—	—	—	—	—	—	191	225	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,56**	**0,64**	**0,64**	**0,71**	**0,74**	**0,77**	**0,79**	
3,50	90	315	814	4,07	414	2,34	271	1,62	—	—	—	—	—	—	—	—	—	—	—	—	
3,52	67	236	810	2,30	412	1,38	270	0,99	—	—	—	—	—	—	—	166	194	221	248	279	
3,52	71	250	810	2,57	412	1,50	270	1,05	—	—	—	—	—	—	—	—	175	203	231	263	
3,53	60	212	807	1,81	411	1,11	269	0,80	—	—	—	—	—	141	169	197	224	250	276	307	
3,55	100	355	803	4,83	408	2,77	268	1,92	—	—	—	—	—	—	—	—	—	—	—	—	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,68**	**0,71**	**0,71**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	
3,56	63	224	801	2,02	407	1,22	267	0,88	—	—	—	—	—	—	154	182	209	236	262	294	
3,57	56	200	798	1,52	406	0,95	266	0,69	—	—	—	—	135	158	185	212	238	264	290	321	
3,57	112	400	798	5,72	406	3,29	266	2,27	—	—	—	—	—	—	—	—	—	—	—	—	
3,57	140	500	798	7,67	406	4,46	266	3,08	—	—	—	—	—	—	—	—	—	—	—	—	
3,71	85	315	768	3,68	391	2,12	256	1,47	—	—	—	—	—	—	—	—	—	—	—	—	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,71**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	
3,73	60	224	764	1,81	389	1,11	255	0,80	—	—	—	—	—	—	155	184	211	238	264	296	
3,73	67	250	764	2,30	389	1,38	255	0,99	—	—	—	—	—	—	—	—	178	206	233	265	
3,73	75	280	764	2,89	389	1,68	255	1,17	—	—	—	—	—	—	—	—	—	—	194	228	
3,74	95	355	762	4,45	388	2,56	254	1,77	—	—	—	—	—	—	—	—	—	—	—	—	
3,75	63	236	760	2,02	387	1,22	253	0,88	—	—	—	—	—	—	—	168	196	224	250	282	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,56**	**0,57**	**0,62**	**0,65**	**0,72**	**0,75**	**0,77**	
3,77	106	400	756	5,28	385	3,03	252	2,10	—	—	—	—	—	—	—	—	—	—	—	—	
3,79	56	212	752	1,52	383	0,95	251	0,69	—	—	—	—	—	143	172	199	226	253	279	310	
3,79	132	500	752	7,13	383	4,13	251	2,85	—	—	—	—	—	—	—	—	—	—	—	—	
3,93	60	236	725	1,81	369	1,11	242	0,80	—	—	—	—	—	—	—	170	198	225	252	284	
3,94	71	280	723	2,57	368	1,50	241	1,05	—	—	—	—	—	—	—	—	—	—	197	231	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,61**	**0,68**	**0,71**	**0,72**	**0,73**	**0,75**	
3,94	80	315	723	3,29	368	1,90	241	1,32	—	—	—	—	—	—	—	—	—	—	—	—	
3,94	90	355	723	4,07	368	2,34	241	1,62	—	—	—	—	—	—	—	—	—	—	—	—	
3,97	63	250	718	2,02	365	1,22	239	0,88	—	—	—	—	—	—	—	—	180	208	236	268	
4,00	56	224	713	1,52	363	0,95	238	0,69	—	—	—	—	—	—	158	186	214	241	267	298	
4,00	100	400	713	4,83	363	2,77	238	1,92	—	—	—	—	—	—	—	—	—	—	—	—	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,58**	**0,59**	**0,59**	**0,66**	
4,00	125	500	713	6,64	363	3,84	238	2,65	—	—	—	—	—	—	—	—	—	—	—	—	
4,00	140	560	713	7,67	363	4,46	238	3,08	—	—	—	—	—	—	—	—	—	—	—	—	
4,17	60	250	683	1,81	348	1,11	228	0,80	—	—	—	—	—	—	—	—	182	210	238	270	
4,18	67	280	682	2,30	347	1,38	227	0,99	—	—	—	—	—	—	—	—	—	—	199	233	
4,18	85	355	682	3,68	347	2,12	227	1,47	—	—	—	—	—	—	—	—	—	—	—	—	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,64**	**0,71**	**0,74**	**0,77**	**0,79**	
4,20	75	315	679	2,89	345	1,68	226	1,17	—	—	—	—	—	—	—	—	—	—	—	—	
4,21	56	236	677	1,52	344	0,95	226	0,69	—	—	—	—	—	—	—	172	201	228	255	287	
4,21	95	400	677	4,45	344	2,56	226	1,77	—	—	—	—	—	—	—	—	—	—	—	—	
4,24	118	500	672	6,15	342	3,54	224	2,45	—	—	—	—	—	—	—	—	—	—	—	—	
4,24	132	560	672	7,13	342	4,13	224	2,85	—	—	—	—	—	—	—	—	—	—	—	—	
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,62**	**0,71**	**0,74**	**0,75**	**0,77**	
4,44	63	280	642	2,02	327	1,22	214	0,88	—	—	—	—	—	—	—	—	—	—	202	236	
4,44	71	315	642	2,57	327	1,50	214	1,05	—	—	—	—	—	—	—	—	—	—	—	—	
4,44	80	355	642	3,29	327	1,90	214	1,32	—	—	—	—	—	—	—	—	—	—	—	—	
4,44	90	400	642	4,07	327	2,34	214	1,62	—	—	—	—	—	—	—	—	—	—	—	—	

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
SPZ Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,86	**0,87**	**0,88**	**0,89**	**0,92**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
292	323	359	395	436	487	538	588	639	689	740	800	860	921	991	1066	1142	1242	1317	1417	1517	3,33	
322	353	389	424	465	516	566	617	667	717	768	828	888	948	1019	1094	1169	1269	1344	1444	1545	3,34	
0,82	**0,83**	**0,86**	**0,81**	**0,85**	**0,90**	**0,93**	**0,94**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,12**	**1,14**		
—	—	—	269	313	367	420	472	523	575	626	687	748	809	879	955	1031	1131	1207	1307	1408	3,35	
336	367	402	438	478	529	579	630	680	730	781	841	901	961	1031	1107	1182	1282	1357	1457	1557	3,37	
361	391	427	462	502	553	603	653	704	754	804	864	924	985	1055	1130	1205	1305	1380	1480	1580	3,39	
—	—	—	—	—	311	366	420	472	524	576	638	699	760	831	907	983	1084	1160	1260	1361	3,39	
258	290	327	364	405	456	508	558	609	660	710	771	831	892	962	1038	1113	1213	1289	1389	1489	3,50	
0,79	**0,79**	**0,84**	**0,86**	**0,87**	**0,92**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,10**	**1,11**	**1,12**	**1,14**		
212	246	285	322	365	417	469	520	571	622	673	733	794	855	925	1001	1076	1177	1252	1352	1453	3,50	
311	342	378	414	454	505	556	606	657	707	757	818	878	938	1009	1084	1159	1259	1334	1435	1535	3,52	
294	326	362	398	439	490	541	591	642	692	743	803	863	924	994	1069	1145	1245	1320	1420	1520	3,52	
338	369	404	440	480	531	582	632	682	733	783	843	903	963	1034	1109	1184	1284	1359	1460	1560	3,53	
—	—	233	273	317	371	424	476	527	579	630	691	752	813	884	959	1035	1136	1211	1312	1412	3,55	
0,86	**0,87**	**0,88**	**0,91**	**0,92**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
325	356	391	427	468	518	569	619	670	720	770	831	891	951	1022	1097	1172	1272	1347	1447	1548	3,56	
352	382	418	453	494	544	595	645	695	746	796	856	916	976	1047	1122	1197	1297	1372	1472	1572	3,57	
—	—	—	—	258	315	370	424	476	528	580	642	703	765	836	912	988	1089	1164	1265	1365	3,57	
—	—	—	—	—	—	—	—	352	408	463	527	590	653	725	802	879	981	1057	1159	1260	3,57	
215	249	288	326	368	420	472	523	574	625	676	737	798	858	929	1004	1080	1180	1256	1356	1456	3,71	
0,86	**0,87**	**0,88**	**0,91**	**0,92**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
327	358	394	429	470	521	571	622	672	722	773	833	893	954	1024	1099	1174	1274	1350	1450	1550	3,73	
297	328	365	401	442	493	543	594	645	695	746	806	866	927	997	1072	1148	1248	1323	1423	1523	3,73	
261	293	330	367	408	460	511	562	613	663	714	775	835	895	966	1041	1117	1217	1292	1393	1493	3,73	
—	—	236	276	320	374	427	479	531	582	633	695	756	816	887	963	1039	1139	1215	1315	1416	3,74	
313	344	380	416	457	508	559	609	660	710	760	821	881	941	1012	1087	1162	1262	1337	1438	1538	3,75	
0,80	**0,83**	**0,84**	**0,86**	**0,77**	**0,84**	**0,89**	**0,92**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**		
—	—	—	—	261	319	374	428	480	532	584	646	708	769	840	916	992	1093	1169	1269	1370	3,77	
341	371	407	443	483	534	584	635	685	735	786	846	906	966	1037	1112	1187	1287	1362	1463	1563	3,79	
—	—	—	—	—	—	—	—	356	413	468	532	595	658	731	808	885	987	1063	1164	1266	3,79	
315	346	383	418	459	510	561	611	662	712	763	823	883	944	1014	1089	1164	1265	1340	1440	1540	3,93	
264	296	333	370	411	463	514	565	616	666	717	777	838	898	969	1044	1120	1220	1295	1396	1496	3,94	
0,80	**0,81**	**0,82**	**0,85**	**0,87**	**0,92**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,10**	**1,11**	**1,12**	**1,14**		
218	253	291	329	371	424	475	527	578	629	680	741	801	862	933	1008	1084	1184	1259	1360	1460	3,94	
—	—	239	279	324	377	430	482	534	586	637	698	759	820	891	967	1042	1143	1218	1319	1419	3,94	
300	331	367	403	444	495	546	597	648	698	748	809	869	930	1000	1075	1150	1251	1326	1426	1526	3,97	
329	360	396	432	473	523	574	625	675	725	776	836	896	957	1027	1102	1177	1277	1353	1453	1553	4,00	
—	—	—	—	265	323	378	431	484	537	588	650	712	773	844	920	996	1097	1173	1274	1374	4,00	
0,71	**0,74**	**0,77**	**0,81**	**0,84**	**0,88**	**0,91**	**0,92**	**0,95**	**0,96**	**0,96**	**0,96**	**0,96**	**1,00**	**1,00**	**1,02**	**1,03**	**1,07**	**1,08**	**1,08**	**1,12**		
—	—	—	—	—	—	—	—	361	417	472	537	600	663	735	813	890	992	1068	1169	1271	4,00	
—	—	—	—	—	—	—	—	—	—	395	463	529	593	667	746	824	927	1004	1106	1207	4,00	
302	333	369	406	447	498	548	599	650	700	751	811	871	932	1002	1077	1153	1253	1328	1428	1529	4,17	
266	299	336	372	414	465	517	568	618	669	720	780	841	901	972	1047	1123	1223	1298	1399	1499	4,18	
—	—	242	282	327	381	434	486	538	589	640	702	763	824	894	970	1046	1147	1222	1323	1423	4,18	
0,81	**0,82**	**0,82**	**0,85**	**0,87**	**0,92**	**0,93**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,11**	**1,12**	**1,14**		
221	256	294	332	375	427	479	530	581	632	683	744	805	866	936	1012	1087	1188	1263	1364	1464	4,20	
318	349	385	421	462	513	564	614	665	715	765	826	886	947	1017	1092	1167	1268	1343	1443	1543	4,21	
—	—	—	—	268	326	381	435	488	540	592	654	715	776	848	924	1000	1101	1177	1277	1378	4,21	
—	—	—	—	—	—	—	—	365	422	477	541	605	668	740	818	894	997	1073	1174	1276	4,24	
—	—	—	—	—	—	—	—	—	—	399	468	534	599	673	751	829	932	1009	1111	1213	4,24	
0,80	**0,83**	**0,86**	**0,88**	**0,89**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
269	301	338	375	417	468	519	570	621	672	723	783	844	904	975	1050	1126	1226	1301	1402	1502	4,44	
224	258	297	335	377	430	482	533	584	635	686	747	808	868	939	1015	1090	1191	1266	1367	1467	4,44	
—	—	245	285	330	384	437	489	541	593	644	705	766	827	898	974	1050	1150	1226	1326	1427	4,44	
—	—	—	—	271	329	384	438	491	543	595	657	719	780	851	927	1003	1104	1180	1281	1382	4,44	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		SPZ Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									—	—	—	—	—	—	—	**0,62**	**0,71**	**0,74**	**0,75**	**0,77**
4,46	56	250	639	1,52	325	0,95	213	0,69	—	—	—	—	—	—	—	154	184	213	240	273
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	**0,59**	**0,59**	**0,59**
4,46	112	500	639	5,72	325	3,29	213	2,27	—	—	—	—	—	—	—	—	—	—	—	—
4,48	125	560	636	6,64	324	3,84	212	2,65	—	—	—	—	—	—	—	—	—	—	—	—
4,50	140	630	633	7,67	322	4,46	211	3,08	—	—	—	—	—	—	—	—	—	—	—	—
4,67	60	280	610	1,81	310	1,11	203	0,80	—	—	—	—	—	—	—	—	—	173	203	238
4,70	67	315	606	2,30	309	1,38	202	0,99	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
4,71	85	400	605	3,68	308	2,12	202	1,47	—	—	—	—	—	—	—	—	—	—	—	—
4,72	106	500	604	5,28	307	3,03	201	2,10	—	—	—	—	—	—	—	—	—	—	—	—
4,73	75	355	603	2,89	307	1,68	201	1,17	—	—	—	—	—	—	—	—	—	—	—	—
4,75	118	560	600	6,15	305	3,54	200	2,45	—	—	—	—	—	—	—	—	—	—	—	—
4,77	132	630	597	7,13	304	4,13	199	2,85	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	**0,69**	**0,75**	**0,77**
5,00	56	280	570	1,52	290	0,95	190	0,69	—	—	—	—	—	—	—	—	—	176	206	240
5,00	63	315	570	2,02	290	1,22	190	0,88	—	—	—	—	—	—	—	—	—	—	—	192
5,00	71	355	570	2,57	290	1,50	190	1,05	—	—	—	—	—	—	—	—	—	—	—	—
5,00	80	400	570	3,29	290	1,90	190	1,32	—	—	—	—	—	—	—	—	—	—	—	—
5,00	100	500	570	4,83	290	2,77	190	1,92	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	**0,59**
5,00	112	560	570	5,72	290	3,29	190	2,27	—	—	—	—	—	—	—	—	—	—	—	—
5,04	125	630	565	6,64	288	3,84	188	2,65	—	—	—	—	—	—	—	—	—	—	—	—
5,07	140	710	562	7,67	286	4,46	187	3,08	—	—	—	—	—	—	—	—	—	—	—	—
5,25	60	315	543	1,81	276	1,11	181	0,80	—	—	—	—	—	—	—	—	—	—	—	194
5,26	95	500	542	4,45	276	2,56	181	1,77	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
5,28	106	560	540	5,28	275	3,03	180	2,10	—	—	—	—	—	—	—	—	—	—	—	—
5,30	67	355	538	2,30	274	1,38	179	0,99	—	—	—	—	—	—	—	—	—	—	—	—
5,33	75	400	535	2,89	272	1,68	178	1,17	—	—	—	—	—	—	—	—	—	—	—	—
5,34	118	630	534	6,15	272	3,54	178	2,45	—	—	—	—	—	—	—	—	—	—	—	—
5,38	132	710	530	7,13	270	4,13	177	2,85	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	**0,59**
5,56	90	500	513	4,07	261	2,34	171	1,62	—	—	—	—	—	—	—	—	—	—	—	—
5,60	100	560	509	4,83	259	2,77	170	1,92	—	—	—	—	—	—	—	—	—	—	—	—
5,63	56	315	506	1,52	258	0,95	169	0,69	—	—	—	—	—	—	—	—	—	—	—	196
5,63	63	355	506	2,02	258	1,22	169	0,88	—	—	—	—	—	—	—	—	—	—	—	—
5,63	71	400	506	2,57	258	1,50	169	1,05	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
5,63	112	630	506	5,72	258	3,29	169	2,27	—	—	—	—	—	—	—	—	—	—	—	—
5,68	125	710	502	6,64	255	3,84	167	2,65	—	—	—	—	—	—	—	—	—	—	—	—
5,71	140	800	499	7,67	254	4,46	166	3,08	—	—	—	—	—	—	—	—	—	—	—	—
5,88	85	500	485	3,68	247	2,12	162	1,47	—	—	—	—	—	—	—	—	—	—	—	—
5,89	95	560	484	4,45	246	2,56	161	1,77	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
5,92	60	355	481	1,81	245	1,11	160	0,80	—	—	—	—	—	—	—	—	—	—	—	—
5,94	106	630	480	5,28	244	3,03	160	2,10	—	—	—	—	—	—	—	—	—	—	—	—
5,97	67	400	477	2,30	243	1,38	159	0,99	—	—	—	—	—	—	—	—	—	—	—	—
6,02	118	710	473	6,15	241	3,54	158	2,45	—	—	—	—	—	—	—	—	—	—	—	—
6,06	132	800	470	7,13	239	4,13	157	2,85	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
6,22	90	560	458	4,07	233	2,34	153	1,62	—	—	—	—	—	—	—	—	—	—	—	—
6,25	80	500	456	3,29	232	1,90	152	1,32	—	—	—	—	—	—	—	—	—	—	—	—
6,30	100	630	452	4,83	230	2,77	151	1,92	—	—	—	—	—	—	—	—	—	—	—	—
6,34	56	355	450	1,52	229	0,95	150	0,69	—	—	—	—	—	—	—	—	—	—	—	—
6,34	112	710	450	5,72	229	3,29	150	2,27	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
SPZ Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550		
0,80	**0,83**	**0,86**	**0,88**	**0,89**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
304	336	372	408	449	500	551	602	653	703	754	814	874	935	1005	1080	1156	1256	1331	1432	1532	4,46	
0,64	**0,72**	**0,75**	**0,78**	**0,82**	**0,86**	**0,89**	**0,92**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,00**	**1,00**	**1,02**	**1,03**	**1,07**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	309	369	425	480	545	609	672	744	822	899	1001	1077	1179	1280	4,46	
—	—	—	—	—	—	—	—	—	343	404	472	538	603	677	756	834	937	1014	1116	1218	4,48	
—	—	—	—	—	—	—	—	—	—	—	—	449	518	595	676	756	861	939	1042	1144	4,50	
271	303	340	377	419	470	521	573	623	674	725	785	846	906	977	1052	1128	1228	1303	1404	1504	4,67	
226	261	299	337	380	432	484	536	587	638	689	750	811	871	942	1018	1093	1194	1269	1370	1470	4,70	
—	**—**	**0,72**	**0,78**	**0,82**	**0,84**	**0,87**	**0,90**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	**1,10**	**1,12**		
—	—	—	—	274	332	387	441	494	547	599	660	722	783	855	931	1007	1108	1184	1285	1385	4,71	
—	—	—	—	—	—	—	312	372	429	484	549	613	676	748	826	903	1005	1081	1183	1284	4,72	
—	—	248	288	333	387	440	493	544	596	647	709	770	831	902	977	1053	1154	1229	1330	1431	4,73	
—	—	—	—	—	—	—	—	—	347	408	477	543	608	682	761	839	942	1019	1121	1223	4,75	
—	—	—	—	—	—	—	—	—	—	—	—	453	522	600	681	761	866	944	1047	1150	4,77	
0,80	**0,83**	**0,86**	**0,88**	**0,89**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**		
273	306	343	380	421	473	524	575	626	677	728	788	849	909	980	1055	1131	1231	1306	1407	1507	5,00	
229	263	302	340	383	435	487	539	590	641	692	753	814	874	945	1020	1096	1197	1272	1372	1473	5,00	
—	—	250	291	336	390	443	495	547	599	650	711	773	833	904	980	1056	1157	1232	1333	1434	5,00	
—	—	—	—	277	335	390	444	497	550	602	664	726	787	858	935	1011	1112	1187	1288	1389	5,00	
—	—	—	—	—	—	—	316	376	433	488	553	617	680	752	830	907	1009	1086	1187	1288	5,00	
0,60	**0,60**	**0,66**	**0,69**	**0,77**	**0,81**	**0,85**	**0,88**	**0,91**	**0,92**	**0,92**	**0,93**	**0,93**	**0,95**	**0,98**	**1,01**	**1,02**	**1,04**	**1,05**	**1,08**	**1,10**		
—	—	—	—	—	—	—	—	—	351	412	480	547	611	686	765	843	946	1023	1125	1227	5,00	
—	—	—	—	—	—	—	—	—	—	—	384	458	527	605	686	766	871	949	1052	1155	5,04	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	502	589	672	781	861	966	1070	5,07	
230	265	304	342	384	437	489	541	592	643	694	755	816	876	947	1023	1098	1199	1274	1375	1475	5,25	
—	—	—	—	—	—	—	319	379	436	491	556	620	683	756	833	910	1013	1089	1191	1292	5,26	
—	**—**	**0,61**	**0,62**	**0,70**	**0,79**	**0,82**	**0,86**	**0,89**	**0,92**	**0,95**	**0,95**	**0,94**	**0,95**	**0,98**	**1,01**	**1,02**	**1,04**	**1,05**	**1,06**	**1,10**		
—	—	—	—	—	—	—	—	—	355	415	484	550	615	690	769	847	950	1027	1129	1231	5,28	
—	—	253	293	338	392	445	498	550	601	653	714	775	836	907	983	1059	1160	1235	1336	1437	5,30	
—	—	—	—	280	338	394	448	501	553	605	667	729	790	862	938	1014	1115	1191	1292	1393	5,33	
—	—	—	—	—	—	—	—	—	—	—	388	462	531	609	690	770	875	953	1057	1160	5,34	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	507	594	677	786	866	971	1075	5,38	
0,60	**0,60**	**0,69**	**0,76**	**0,79**	**0,83**	**0,84**	**0,84**	**0,84**	**0,88**	**0,90**	**0,93**	**0,96**	**1,00**	**1,00**	**1,02**	**1,03**	**1,04**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	321	382	439	494	559	623	686	759	837	914	1016	1093	1194	1296	5,56	
—	—	—	—	—	—	—	—	—	358	419	488	554	619	694	773	851	954	1031	1134	1235	5,60	
233	267	306	344	387	440	492	543	595	646	697	758	819	879	950	1026	1101	1202	1277	1378	1478	5,63	
—	211	255	296	341	395	448	501	553	604	656	717	778	839	910	986	1062	1163	1238	1339	1439	5,63	
—	—	—	—	282	341	396	450	503	556	608	670	732	793	865	941	1017	1118	1194	1295	1396	5,63	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,66**	**0,74**	**0,82**	**0,85**	**0,85**	**0,88**	**0,91**	**0,94**	**0,97**	**1,00**	**1,03**	**1,04**	**1,06**	**1,08**		
—	—	—	—	—	—	—	—	—	—	—	392	465	535	613	694	774	879	958	1061	1164	5,63	
—	—	—	—	—	—	—	—	—	—	—	—	—	424	511	598	682	790	870	976	1080	5,68	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	472	566	682	766	875	982	5,71	
—	—	—	—	—	—	—	324	385	442	498	563	626	690	763	840	917	1020	1096	1198	1299	5,88	
—	—	—	—	—	—	—	—	—	361	422	491	557	622	697	776	854	958	1035	1137	1239	5,89	
—	**0,68**	**0,75**	**0,81**	**0,84**	**0,88**	**0,91**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**		
—	213	257	298	342	397	450	503	555	606	658	719	780	841	912	988	1064	1165	1240	1341	1442	5,92	
—	—	—	—	—	—	—	—	—	—	—	395	469	539	617	698	778	883	962	1065	1168	5,94	
—	—	—	234	285	343	399	453	506	559	611	673	735	796	867	944	1020	1121	1197	1298	1398	5,97	
—	—	—	—	—	—	—	—	—	—	—	—	—	428	515	602	686	795	875	980	1085	6,02	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	476	571	687	771	880	987	6,06	
—	**0,60**	**0,61**	**0,62**	**0,70**	**0,79**	**0,82**	**0,86**	**0,89**	**0,91**	**0,91**	**0,92**	**0,92**	**0,95**	**0,98**	**0,99**	**1,02**	**1,04**	**1,05**	**1,06**	**1,10**		
—	—	—	—	—	—	—	—	—	364	425	494	560	626	700	779	858	961	1038	1141	1243	6,22	
—	—	—	—	—	—	—	327	388	445	501	566	630	693	766	844	921	1023	1100	1201	1303	6,25	
—	—	—	—	—	—	—	—	—	—	—	399	473	542	620	702	782	887	966	1069	1172	6,30	
—	216	259	300	345	399	453	505	557	609	660	722	783	844	915	991	1067	1168	1243	1344	1445	6,34	
—	—	—	—	—	—	—	—	—	—	—	—	—	431	519	606	690	799	879	984	1089	6,34	

SPZ

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor												
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		SPZ Belt Length Designation												
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
6,35	63	400	449	2,02	228	1,22	150	0,88	—	—	—	—	—	—	—	—	—	—	—	—
6,40	125	800	445	6,64	227	3,84	148	2,65	—	—	—	—	—	—	—	—	—	—	—	—
6,59	85	560	432	3,68	220	2,12	144	1,47	—	—	—	—	—	—	—	—	—	—	—	—
6,63	95	630	430	4,45	219	2,56	143	1,77	—	—	—	—	—	—	—	—	—	—	—	—
6,67	60	400	427	1,81	217	1,11	142	0,80	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
6,67	75	500	427	2,89	217	1,68	142	1,17	—	—	—	—	—	—	—	—	—	—	—	—
6,70	106	710	425	5,28	216	3,03	142	2,10	—	—	—	—	—	—	—	—	—	—	—	—
6,78	118	800	420	6,15	214	3,54	140	2,45	—	—	—	—	—	—	—	—	—	—	—	—
7,00	80	560	407	3,29	207	1,90	136	1,32	—	—	—	—	—	—	—	—	—	—	—	—
7,00	90	630	407	4,07	207	2,34	136	1,62	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
7,04	71	500	405	2,57	206	1,50	135	1,05	—	—	—	—	—	—	—	—	—	—	—	—
7,10	100	710	401	4,83	204	2,77	134	1,92	—	—	—	—	—	—	—	—	—	—	—	—
7,14	56	400	399	1,52	203	0,95	133	0,69	—	—	—	—	—	—	—	—	—	—	—	—
7,14	112	800	399	5,72	203	3,29	133	2,27	—	—	—	—	—	—	—	—	—	—	—	—
7,41	85	630	385	3,68	196	2,12	128	1,47	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
7,46	67	500	382	2,30	194	1,38	127	0,99	—	—	—	—	—	—	—	—	—	—	—	—
7,47	75	560	382	2,89	194	1,68	127	1,17	—	—	—	—	—	—	—	—	—	—	—	—
7,47	95	710	382	4,45	194	2,56	127	1,77	—	—	—	—	—	—	—	—	—	—	—	—
7,55	106	800	377	5,28	192	3,03	126	2,10	—	—	—	—	—	—	—	—	—	—	—	—
7,88	80	630	362	3,29	184	1,90	121	1,32	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
7,89	71	560	361	2,57	184	1,50	120	1,05	—	—	—	—	—	—	—	—	—	—	—	—
7,89	90	710	361	4,07	184	2,34	120	1,62	—	—	—	—	—	—	—	—	—	—	—	—
7,94	63	500	359	2,02	183	1,22	120	0,88	—	—	—	—	—	—	—	—	—	—	—	—
8,00	100	800	356	4,83	181	2,77	119	1,92	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
8,33	60	500	342	1,81	174	1,11	114	0,80	—	—	—	—	—	—	—	—	—	—	—	—
8,35	85	710	341	3,68	174	2,12	114	1,47	—	—	—	—	—	—	—	—	—	—	—	—
8,36	67	560	341	2,30	173	1,38	114	0,99	—	—	—	—	—	—	—	—	—	—	—	—
8,40	75	630	339	2,89	173	1,68	113	1,17	—	—	—	—	—	—	—	—	—	—	—	—
8,42	95	800	338	4,45	172	2,56	113	1,77	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
8,87	71	630	321	2,57	163	1,50	107	1,05	—	—	—	—	—	—	—	—	—	—	—	—
8,88	80	710	321	3,29	163	1,90	107	1,32	—	—	—	—	—	—	—	—	—	—	—	—
8,89	63	560	321	2,02	163	1,22	107	0,88	—	—	—	—	—	—	—	—	—	—	—	—
8,89	90	800	321	4,07	163	2,34	107	1,62	—	—	—	—	—	—	—	—	—	—	—	—
8,93	56	500	319	1,52	162	0,95	106	0,69	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
9,33	60	560	305	1,81	155	1,11	102	0,80	—	—	—	—	—	—	—	—	—	—	—	—
9,41	85	800	303	3,68	154	2,12	101	1,47	—	—	—	—	—	—	—	—	—	—	—	—
9,40	67	630	303	2,30	154	1,38	101	0,99	—	—	—	—	—	—	—	—	—	—	—	—
9,47	75	710	301	2,89	153	1,68	100	1,17	—	—	—	—	—	—	—	—	—	—	—	—
10,00	56	560	285	1,52	145	0,95	95	0,69	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
10,00	63	630	285	2,02	145	1,22	95	0,88	—	—	—	—	—	—	—	—	—	—	—	—
10,00	71	710	285	2,57	145	1,50	95	1,05	—	—	—	—	—	—	—	—	—	—	—	—
10,00	80	800	285	3,29	145	1,90	95	1,32	—	—	—	—	—	—	—	—	—	—	—	—
10,50	60	630	271	1,81	138	1,11	90	0,80	—	—	—	—	—	—	—	—	—	—	—	—
10,60	67	710	269	2,30	137	1,38	90	0,99	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
10,67	75	800	267	2,89	136	1,68	89	1,17	—	—	—	—	—	—	—	—	—	—	—	—
11,25	56	630	253	1,52	129	0,95	84	0,69	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																						
SPZ Belt Length Designation																						Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	
—	**—**	**—**	**0,67**	**0,77**	**0,84**	**0,87**	**0,90**	**0,93**	**0,94**	**0,97**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	**1,10**	**1,12**		
—	—	—	237	287	345	401	455	509	561	613	676	737	799	870	947	1023	1124	1200	1301	1401	6,35	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	480	575	692	775	884	991	6,40	
—	—	—	—	—	—	—	—	—	367	428	497	564	629	704	783	861	964	1042	1144	1246	6,59	
—	—	—	—	—	—	—	—	—	—	—	402	476	545	623	705	785	891	969	1073	1175	6,63	
—	—	—	238	289	347	403	457	511	563	615	678	739	801	872	949	1025	1126	1202	1303	1404	6,67	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,78**	**0,84**	**0,88**	**0,90**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,03**	**1,04**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	330	391	448	504	569	633	696	769	847	924	1027	1103	1205	1306	6,67	
—	—	—	—	—	—	—	—	—	—	—	—	—	434	522	610	694	803	883	988	1093	6,70	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	484	579	696	780	889	996	6,78	
—	—	—	—	—	—	—	—	—	370	431	500	567	632	707	786	864	968	1045	1148	1250	7,00	
—	—	—	—	—	—	—	—	—	—	—	405	479	548	627	708	789	894	972	1076	1179	7,00	
—	**—**	**—**	**0,62**	**0,67**	**0,76**	**0,82**	**0,86**	**0,87**	**0,88**	**0,90**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,03**	**1,04**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	333	393	451	506	572	636	699	772	850	927	1029	1106	1208	1309	7,04	
—	—	—	—	—	—	—	—	—	—	—	—	—	438	526	613	697	806	887	992	1097	7,10	
—	—	—	241	291	350	406	460	513	566	618	680	742	804	875	951	1028	1129	1205	1306	1407	7,14	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	488	583	699	784	893	1000	7,14	
—	—	—	—	—	—	—	—	—	—	—	408	482	551	630	712	792	897	976	1079	1182	7,41	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,78**	**0,84**	**0,88**	**0,90**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,03**	**1,04**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	335	396	453	509	574	638	701	775	852	930	1032	1109	1211	1312	7,46	
—	—	—	—	—	—	—	—	—	373	434	503	570	635	710	789	868	971	1048	1151	1253	7,47	
—	—	—	—	—	—	—	—	—	—	—	—	—	441	529	616	701	810	890	996	1100	7,47	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	491	586	703	787	897	1004	7,55	
—	—	—	—	—	—	—	—	—	—	—	411	485	554	633	715	795	901	979	1083	1186	7,88	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,71**	**0,79**	**0,82**	**0,83**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,02**	**1,03**	**1,05**	**1,06**	**1,10**		
—	—	—	—	—	—	—	—	—	375	436	506	572	638	713	792	870	974	1051	1154	1256	7,89	
—	—	—	—	—	—	—	—	—	—	—	—	—	444	532	619	704	813	893	999	1103	7,89	
—	—	—	—	—	—	—	337	398	456	511	577	641	704	777	855	932	1035	1112	1213	1315	7,94	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	495	590	707	791	900	1008	8,00	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,78**	**0,82**	**0,88**	**0,90**	**0,93**	**0,96**	**0,97**	**1,00**	**1,01**	**1,03**	**1,04**	**1,08**	**1,08**	**1,10**		
—	—	—	—	—	—	—	339	400	458	513	579	643	706	779	857	935	1037	1114	1215	1317	8,33	
—	—	—	—	—	—	—	—	—	—	—	—	—	447	535	622	707	816	896	1002	1107	8,35	
—	—	—	—	—	—	—	—	—	377	439	508	575	640	715	795	873	977	1054	1157	1259	8,36	
—	—	—	—	—	—	—	—	—	—	—	413	488	558	636	718	798	904	982	1086	1189	8,40	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	498	593	710	794	904	1011	8,42	
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,66**	**0,66**	**0,72**	**0,80**	**0,84**	**0,85**	**0,91**	**0,94**	**0,97**	**1,00**	**1,01**	**1,04**	**1,05**	**1,08**		
—	—	—	—	—	—	—	—	—	—	—	416	490	560	639	721	801	907	985	1089	1192	8,87	
—	—	—	—	—	—	—	—	—	—	—	—	—	449	538	626	710	819	900	1006	1110	8,88	
—	—	—	—	—	—	—	—	312	380	441	510	577	643	718	797	876	979	1057	1159	1261	8,89	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	500	596	713	797	907	1014	8,89	
—	—	—	—	—	—	—	341	402	460	516	581	645	709	782	860	937	1040	1116	1218	1320	8,93	
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,66**	**0,75**	**0,83**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,02**	**1,03**	**1,05**	**1,06**	**1,10**		
—	—	—	—	—	—	—	—	314	381	443	512	579	645	720	799	878	981	1059	1161	1264	9,33	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	503	599	716	800	910	1017	9,41	
—	—	—	—	—	—	—	—	—	—	—	418	492	562	641	723	804	909	988	1092	1195	9,40	
—	—	—	—	—	—	—	—	—	—	—	—	—	452	541	629	713	822	903	1009	1114	9,47	
—	—	—	—	—	—	—	—	316	384	445	515	582	647	722	802	880	984	1062	1164	1266	10,00	
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,77**	**0,85**	**0,88**	**0,94**	**0,97**	**0,98**	**1,01**	**1,04**	**1,05**	**1,08**		
—	—	—	—	—	—	—	—	—	—	—	420	495	565	644	726	806	912	990	1094	1197	10,00	
—	—	—	—	—	—	—	—	—	—	—	—	—	455	543	631	716	825	906	1011	1116	10,00	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	506	601	719	804	913	1021	10,00	
—	—	—	—	—	—	—	—	—	—	—	422	497	567	645	728	808	914	992	1096	1199	10,50	
—	—	—	—	—	—	—	—	—	—	—	—	—	457	545	633	718	828	908	1014	1119	10,60	
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,68**	**0,74**	**0,75**	**0,77**	**0,78**	**0,85**	**0,91**	**0,97**	**1,01**	**1,02**		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	509	604	722	807	916	1024	10,67	
—	—	—	—	—	—	—	—	—	—	—	424	499	569	648	730	811	917	995	1099	1202	11,25	

SPZ

Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		SPZ Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	560	600	630	670	710	750	800	850	900	950	1000	1060
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
11,27	63	710	253	2,02	129	1,22	84	0,88	—	—	—	—	—	—	—	—	—	—	—	—
11,27	71	800	253	2,57	129	1,50	84	1,05	—	—	—	—	—	—	—	—	—	—	—	—
11,94	67	800	239	2,30	121	1,38	80	0,99	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
11,83	60	710	241	1,81	123	1,11	80	0,80	—	—	—	—	—	—	—	—	—	—	—	—
12,68	56	710	225	1,52	114	0,95	75	0,69	—	—	—	—	—	—	—	—	—	—	—	—
12,70	63	800	224	2,02	114	1,22	75	0,88	—	—	—	—	—	—	—	—	—	—	—	—
13,33	60	800	214	1,81	109	1,11	71	0,80	—	—	—	—	—	—	—	—	—	—	—	—
14,29	56	800	199	1,52	101	0,95	66	0,69	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPZ

Nominal Center Distances And Arc-Length Correction Factor																					
SPZ Belt Length Designation																					Speed Ratio
1120	1180	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	
—	—	—	—	—	—	—	—	—	—	—	**0,68**	**0,74**	**0,75**	**0,77**	**0,78**	**0,85**	**0,91**	**0,97**	**1,01**	**1,02**	
—	—	—	—	—	—	—	—	—	—	—	—	—	459	548	636	721	830	911	1017	1122	11,27
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	511	607	725	809	919	1027	11,27
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	514	609	727	812	922	1029	11,94
—	—	—	—	—	—	—	—	—	—	—	—	—	**0,75**	**0,86**	**0,89**	**0,94**	**0,99**	**1,00**	**1,03**	**1,07**	
—	—	—	—	—	—	—	—	—	—	—	—	—	461	549	638	722	832	913	1019	1124	11,83
—	—	—	—	—	—	—	—	—	—	—	—	—	463	552	640	725	835	915	1021	1126	12,68
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	516	612	729	814	924	1032	12,70
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	518	613	731	816	926	1034	13,33
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	520	616	734	819	929	1036	14,29

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,00	80	80	2850	2,11	1450	1,49	950	1,15	274	299	324	349	374	404	434	464	499	534	574
1,00	85	85	2850	2,67	1450	1,80	950	1,36	267	292	317	342	367	397	427	457	492	527	567
1,00	90	90	2850	3,22	1450	2,11	950	1,58	259	284	309	334	359	389	419	449	484	519	559
1,00	95	95	2850	3,77	1450	2,42	950	1,79	251	276	301	326	351	381	411	441	476	511	551
1,00	100	100	2850	4,46	1450	2,79	950	2,00	243	268	293	318	343	373	403	433	468	503	543
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,00	106	106	2850	5,21	1450	3,22	950	2,30	234	259	284	309	334	364	394	424	459	494	534
1,00	112	112	2850	5,95	1450	3,65	950	2,59	224	249	274	299	324	354	384	414	449	484	524
1,00	118	118	2850	6,67	1450	4,07	950	2,88	215	240	265	290	315	345	375	405	440	475	515
1,00	125	125	2850	7,50	1450	4,57	950	3,22	204	229	254	279	304	334	364	394	429	464	504
1,00	132	132	2850	8,31	1450	5,05	950	3,56	193	218	243	268	293	323	353	383	418	453	493
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,00	140	140	2850	9,21	1450	5,61	950	3,94	180	205	230	255	280	310	340	370	405	440	480
1,00	150	150	2850	10,30	1450	6,29	950	4,42	165	190	215	240	265	295	325	355	390	425	465
1,00	160	160	2850	11,35	1450	6,97	950	4,89	—	174	199	224	249	279	309	339	374	409	449
1,00	170	170	2850	12,35	1450	7,63	950	5,36	—	—	183	208	233	263	293	323	358	393	433
1,00	180	180	2850	13,31	1450	8,29	950	5,82	—	—	—	192	217	247	277	307	342	377	417
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,00	190	190	2850	14,22	1450	8,94	950	6,28	—	—	—	—	202	232	262	292	327	362	402
1,00	200	200	2850	15,08	1450	9,59	950	6,74	—	—	—	—	—	216	246	276	311	346	386
1,05	95	100	2714	3,86	1381	2,47	905	1,82	247	272	297	322	347	377	407	437	472	507	547
1,05	190	200	2714	14,31	1381	8,99	905	6,31	—	—	—	—	—	224	254	284	319	354	394
1,05	112	118	2714	6,04	1381	3,70	905	2,62	219	244	269	294	319	349	379	409	444	479	519
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,06	90	95	2689	3,48	1368	2,24	896	1,67	255	280	305	330	355	385	415	445	480	515	555
1,06	180	190	2689	13,57	1368	8,42	896	5,91	—	—	—	—	209	239	270	300	335	370	410
1,06	125	132	2689	7,76	1368	4,70	896	3,31	198	223	248	273	298	328	358	388	423	458	498
1,06	106	112	2689	5,47	1368	3,35	896	2,39	229	254	279	304	329	359	389	419	454	489	529
1,06	85	90	2689	2,93	1368	1,93	896	1,45	263	288	313	338	363	393	423	453	488	523	563
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,06	170	180	2689	12,61	1368	7,76	896	5,45	—	—	—	200	225	255	285	315	350	385	425
1,06	118	125	2689	6,93	1368	4,20	896	2,97	209	234	259	284	309	339	369	399	434	469	509
1,06	100	106	2689	4,72	1368	2,92	896	2,09	238	263	288	313	338	368	398	428	463	498	538
1,06	200	212	2689	15,34	1368	9,72	896	6,83	—	—	—	—	—	—	237	267	302	337	377
1,06	132	140	2689	8,57	1368	5,18	896	3,65	186	211	236	261	286	316	346	376	411	446	486
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,06	80	85	2689	2,37	1368	1,62	896	1,24	270	295	320	345	370	400	430	460	495	530	570
1,06	160	170	2689	11,61	1368	7,10	896	4,98	—	166	191	216	241	271	301	331	366	401	441
1,07	150	160	2664	10,56	1355	6,42	888	4,51	157	182	207	232	257	287	317	347	382	417	457
1,07	140	150	2664	9,47	1355	5,74	888	4,03	172	197	222	247	272	302	332	362	397	432	472
1,11	90	100	2568	3,48	1306	2,24	856	1,67	251	276	301	326	351	381	411	441	476	511	551
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,11	180	200	2568	13,57	1306	8,42	856	5,91	—	—	—	—	201	231	262	292	327	362	402
1,11	106	118	2568	5,47	1306	3,35	856	2,39	224	249	274	299	324	354	384	414	449	484	524
1,12	95	106	2545	4,22	1295	2,65	848	1,94	242	267	292	317	342	372	402	432	467	502	542
1,12	190	212	2545	14,67	1295	9,17	848	6,43	—	—	—	—	—	214	244	274	309	344	384
1,12	112	125	2545	6,40	1295	3,88	848	2,74	214	239	264	289	314	344	374	404	439	474	514
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,12	85	95	2545	3,12	1295	2,03	848	1,51	259	284	309	334	359	389	419	449	484	519	559
1,12	170	190	2545	12,80	1295	7,86	848	5,51	—	—	—	192	217	247	277	307	342	377	417
1,12	118	132	2545	7,12	1295	4,30	848	3,03	204	229	254	279	304	334	364	394	429	464	504
1,12	100	112	2545	4,91	1295	3,02	848	2,15	234	259	284	309	334	364	394	424	459	494	534
1,12	125	140	2545	7,95	1295	4,80	848	3,37	192	217	242	267	292	322	352	382	417	452	492
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,87**	**0,89**	**0,90**	**0,91**	**0,92**
1,12	200	224	2545	15,53	1295	9,82	848	6,89	—	—	—	—	—	—	227	257	292	327	367

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
624	674	724	774	824	874	934	994	1054	1124	1199	1274	1374	1449	1549	1649	1749	1874	1999	2124	1,00
617	667	717	767	817	867	927	987	1047	1117	1192	1267	1367	1442	1542	1642	1742	1867	1992	2117	1,00
609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1734	1859	1984	2109	1,00
601	651	701	751	801	851	911	971	1031	1101	1176	1251	1351	1426	1526	1626	1726	1851	1976	2101	1,00
593	643	693	743	793	843	903	963	1023	1093	1168	1243	1343	1418	1518	1618	1718	1843	1968	2093	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
584	634	684	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1609	1709	1834	1959	2084	1,00
574	624	674	724	774	824	884	944	1004	1074	1149	1224	1324	1399	1499	1599	1699	1824	1949	2074	1,00
565	615	665	715	765	815	875	935	995	1065	1140	1215	1315	1390	1490	1590	1690	1815	1940	2065	1,00
554	604	654	704	754	804	864	924	984	1054	1129	1204	1304	1379	1479	1579	1679	1804	1929	2054	1,00
543	593	643	693	743	793	853	913	973	1043	1118	1193	1293	1368	1468	1568	1668	1793	1918	2043	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
530	580	630	680	730	780	840	900	960	1030	1105	1180	1280	1355	1455	1555	1655	1780	1905	2030	1,00
515	565	615	665	715	765	825	885	945	1015	1090	1165	1265	1340	1440	1540	1640	1765	1890	2015	1,00
499	549	599	649	699	749	809	869	929	999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	1,00
483	533	583	633	683	733	793	853	913	983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	1,00
467	517	567	617	667	717	777	837	897	967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
452	502	552	602	652	702	762	822	882	952	1027	1102	1202	1277	1377	1477	1577	1702	1827	1952	1,00
436	486	536	586	636	686	746	806	866	936	1011	1086	1186	1261	1361	1461	1561	1686	1811	1936	1,00
597	647	697	747	797	847	907	967	1027	1097	1172	1247	1347	1422	1522	1622	1722	1847	1972	2097	1,05
444	494	544	594	644	694	754	814	874	944	1019	1094	1194	1269	1369	1469	1569	1694	1819	1944	1,05
569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1694	1819	1944	2069	1,05
0,930	**0,940**	**0,950**	**0,960**	**0,970**	**0,980**	**0,990**	**1,000**	**1,010**	**1,020**	**1,030**	**1,040**	**1,050**	**1,060**	**1,070**	**1,080**	**1,090**	**1,100**	**1,110**	**1,120**	
605	655	705	755	805	855	915	975	1035	1105	1180	1255	1355	1430	1530	1630	1730	1855	1980	2105	1,06
460	510	560	610	660	710	770	830	890	960	1035	1110	1210	1285	1385	1485	1585	1710	1835	1960	1,06
548	598	648	698	748	798	858	918	978	1048	1123	1198	1298	1373	1473	1573	1673	1798	1923	2048	1,06
579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1704	1829	1954	2079	1,06
613	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	1738	1863	1988	2113	1,06
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
475	525	575	625	675	725	785	845	905	975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	1,06
559	609	659	709	759	809	869	929	989	1059	1134	1209	1309	1384	1484	1584	1684	1809	1934	2059	1,06
588	638	688	738	788	838	898	958	1018	1088	1163	1238	1338	1413	1513	1613	1713	1838	1963	2088	1,06
427	477	527	577	627	677	737	797	857	927	1002	1077	1177	1252	1352	1452	1552	1677	1802	1927	1,06
536	586	636	686	736	786	846	906	966	1036	1111	1186	1286	1361	1461	1561	1661	1786	1911	2036	1,06
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
620	670	720	770	820	870	930	990	1050	1120	1195	1270	1370	1445	1545	1645	1745	1870	1995	2120	1,06
491	541	591	641	691	741	801	861	921	991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	1,06
507	557	607	657	707	757	817	877	937	1007	1082	1157	1257	1332	1432	1532	1632	1757	1882	2007	1,07
522	572	622	672	722	772	832	892	952	1022	1097	1172	1272	1347	1447	1547	1647	1772	1897	2022	1,07
601	651	701	751	801	851	911	971	1031	1101	1176	1251	1351	1426	1526	1626	1726	1851	1976	2101	1,11
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
452	502	552	602	652	702	762	822	882	952	1027	1102	1202	1277	1377	1477	1577	1702	1827	1952	1,11
574	624	674	724	774	824	884	944	1004	1074	1149	1224	1324	1399	1499	1599	1699	1824	1949	2074	1,11
592	642	692	742	792	842	902	962	1022	1092	1167	1242	1342	1417	1517	1617	1717	1842	1967	2092	1,12
434	484	534	584	634	684	744	804	864	934	1009	1084	1184	1259	1359	1459	1559	1684	1809	1934	1,12
564	614	664	714	764	814	874	934	994	1064	1139	1214	1314	1389	1489	1589	1689	1814	1939	2064	1,12
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1734	1859	1984	2109	1,12
467	517	567	617	667	717	777	837	897	967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	1,12
554	604	654	704	754	804	864	924	984	1054	1129	1204	1304	1379	1479	1579	1679	1804	1929	2054	1,12
584	634	684	734	784	834	894	954	1014	1084	1159	1234	1334	1409	1509	1609	1709	1834	1959	2084	1,12
542	592	642	692	742	792	852	912	972	1042	1117	1192	1292	1367	1467	1567	1667	1792	1917	2042	1,12
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
417	467	517	567	617	667	727	787	847	917	992	1067	1167	1242	1342	1442	1542	1667	1792	1917	1,12

SPA

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,87**	**0,89**	**0,90**	**0,91**	**0,92**
1,13	80	90	2522	2,56	1283	1,72	841	1,30	267	292	317	342	367	397	427	457	492	527	567
1,13	160	180	2522	11,80	1283	7,20	841	5,04	—	—	183	208	233	263	293	323	358	393	433
1,13	150	170	2522	10,75	1283	6,52	841	4,57	—	174	199	224	249	279	309	339	374	409	449
1,14	132	150	2500	8,76	1272	5,28	833	3,71	178	203	228	253	278	308	339	369	404	439	479
Arc—Length Correction Factor									**0,81**	**0,82**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,14	140	160	2500	9,66	1272	5,84	833	4,09	164	189	214	239	264	294	324	354	389	424	464
1,18	85	100	2415	3,12	1229	2,03	805	1,51	255	280	305	330	355	385	415	445	480	515	555
1,18	170	200	2415	12,80	1229	7,86	805	5,51	—	—	—	—	209	239	269	299	334	369	409
1,18	90	106	2415	3,67	1229	2,34	805	1,73	246	271	296	321	346	376	406	436	471	506	546
1,18	180	212	2415	13,76	1229	8,52	805	5,97	—	—	—	—	—	222	252	282	317	352	392
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,18	112	132	2415	6,40	1229	3,88	805	2,74	208	233	258	283	308	338	368	398	433	468	508
1,18	95	112	2415	4,22	1229	2,65	805	1,94	237	262	287	312	337	367	397	427	462	497	537
1,18	190	224	2415	14,67	1229	9,17	805	6,43	—	—	—	—	—	—	234	264	300	335	375
1,18	106	125	2415	5,66	1229	3,45	805	2,45	218	243	268	294	319	349	379	409	444	479	519
1,18	100	118	2415	4,91	1229	3,02	805	2,15	229	254	279	304	329	359	389	419	454	489	529
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,18	200	236	2415	15,53	1229	9,82	805	6,89	—	—	—	—	—	—	—	247	282	317	357
1,19	118	140	2395	7,28	1218	4,38	798	3,08	197	222	247	272	297	327	357	387	422	457	497
1,19	80	95	2395	2,72	1218	1,80	798	1,35	263	288	313	338	363	393	423	453	488	523	563
1,19	160	190	2395	11,96	1218	7,28	798	5,09	—	—	—	200	225	255	285	315	350	385	425
1,20	125	150	2375	8,11	1208	4,88	792	3,42	184	209	234	259	284	314	344	374	409	444	484
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,20	150	180	2375	10,91	1208	6,60	792	4,62	—	—	190	215	240	271	301	331	366	401	441
1,21	132	160	2355	8,92	1198	5,36	785	3,76	170	195	220	245	270	300	330	361	396	431	471
1,21	140	170	2355	9,82	1198	5,92	785	4,14	156	181	206	231	256	286	316	346	381	416	456
1,24	95	118	2298	4,38	1169	2,73	766	1,99	233	258	283	308	333	363	393	423	458	493	533
1,24	190	236	2298	14,83	1169	9,25	766	6,48	—	—	—	—	—	—	224	255	290	325	365
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,24	90	112	2298	3,83	1169	2,42	766	1,78	241	266	291	316	341	371	401	431	466	501	541
1,24	180	224	2298	13,92	1169	8,60	766	6,02	—	—	—	—	—	212	242	272	307	342	382
1,25	106	132	2280	5,82	1160	3,53	760	2,50	213	238	263	288	313	343	373	403	438	473	513
1,25	85	106	2280	3,28	1160	2,11	760	1,56	250	275	300	325	350	380	410	440	475	510	550
1,25	170	212	2280	12,96	1160	7,94	760	5,56	—	—	—	—	199	229	259	289	324	360	400
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,25	80	100	2280	2,72	1160	1,80	760	1,35	259	284	309	334	359	389	419	449	484	519	559
1,25	100	125	2280	5,07	1160	3,10	760	2,20	223	248	273	298	323	353	383	413	448	483	523
1,25	112	140	2280	6,56	1160	3,96	760	2,79	202	227	252	277	302	332	362	392	427	462	502
1,25	160	200	2280	11,96	1160	7,28	760	5,09	—	—	—	191	216	247	277	307	342	377	417
1,25	200	250	2280	15,69	1160	9,90	760	6,94	—	—	—	—	—	—	—	235	271	306	346
Arc—Length Correction Factor									**0,80**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,92**
1,27	150	190	2244	11,04	1142	6,67	748	4,67	—	—	182	207	232	262	292	322	358	393	433
1,27	118	150	2244	7,41	1142	4,45	748	3,13	189	214	239	264	289	319	349	379	414	449	489
1,28	125	160	2227	8,24	1133	4,95	742	3,47	175	201	226	251	276	306	336	366	401	436	476
1,29	140	180	2209	9,95	1124	5,99	736	4,19	—	173	198	223	248	278	308	338	373	408	448
1,29	132	170	2209	9,05	1124	5,43	736	3,81	162	187	212	237	262	292	322	352	387	423	463
Arc—Length Correction Factor									**0,81**	**0,82**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,31	90	118	2176	3,96	1107	2,49	725	1,83	236	261	286	311	336	366	396	426	462	497	537
1,31	180	236	2176	14,05	1107	8,67	725	6,07	—	—	—	—	—	—	232	262	297	332	372
1,32	95	125	2159	4,51	1098	2,80	720	2,04	227	252	277	302	327	357	387	417	452	487	527
1,32	190	250	2159	14,96	1098	9,32	720	6,53	—	—	—	—	—	—	—	243	278	313	353
1,32	85	112	2159	3,41	1098	2,18	720	1,61	245	270	295	320	345	375	405	435	470	505	545
Arc—Length Correction Factor									**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,32	170	224	2159	13,09	1098	8,01	720	5,61	—	—	—	—	—	219	249	279	315	350	390
1,32	100	132	2159	5,20	1098	3,17	720	2,25	217	242	267	292	317	348	378	408	443	478	518

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
617	667	717	767	817	867	927	987	1047	1117	1192	1267	1367	1442	1542	1642	1742	1867	1992	2117	1,13
483	533	583	633	683	733	793	853	913	983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	1,13
499	549	599	649	699	749	809	869	929	999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	1,13
529	579	629	679	729	779	839	899	959	1029	1104	1179	1279	1354	1454	1554	1654	1779	1904	2029	1,14
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
514	564	614	664	714	764	824	884	944	1014	1089	1164	1264	1339	1439	1539	1639	1764	1889	2014	1,14
605	655	705	755	805	855	915	975	1035	1105	1180	1255	1355	1430	1530	1630	1730	1855	1980	2105	1,18
459	509	559	609	659	709	769	829	889	959	1034	1109	1209	1284	1384	1484	1584	1709	1834	1959	1,18
596	646	696	746	796	846	906	966	1026	1096	1171	1246	1346	1421	1521	1621	1721	1846	1971	2096	1,18
442	492	542	592	642	692	752	812	872	942	1017	1092	1192	1267	1367	1467	1567	1692	1817	1942	1,18
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
558	608	658	708	758	808	868	928	988	1058	1133	1208	1308	1383	1483	1583	1683	1808	1933	2058	1,18
587	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	1712	1837	1962	2087	1,18
425	475	525	575	625	675	735	795	855	925	1000	1075	1175	1250	1350	1450	1550	1675	1800	1925	1,18
569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1694	1819	1944	2069	1,18
579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1704	1829	1954	2079	1,18
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
407	457	507	557	607	657	718	778	838	908	983	1058	1158	1233	1333	1433	1533	1658	1783	1908	1,18
547	597	647	697	747	797	857	917	977	1047	1122	1197	1297	1372	1472	1572	1672	1797	1922	2047	1,19
613	663	713	763	813	863	923	983	1043	1113	1188	1263	1363	1438	1538	1638	1738	1863	1988	2113	1,19
475	525	575	625	675	725	785	845	905	975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	1,19
534	584	634	684	734	784	844	904	964	1034	1109	1184	1284	1359	1459	1559	1659	1784	1909	2034	1,20
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
491	541	591	641	691	741	801	861	921	991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	1,20
521	571	621	671	721	771	831	891	951	1021	1096	1171	1271	1346	1446	1546	1646	1771	1896	2021	1,21
506	556	606	656	706	757	817	877	937	1007	1082	1157	1257	1332	1432	1532	1632	1757	1882	2007	1,21
583	633	683	733	783	833	893	953	1013	1083	1158	1233	1333	1408	1508	1608	1708	1833	1958	2083	1,24
415	465	515	565	615	665	725	785	845	915	990	1065	1165	1240	1340	1440	1540	1665	1790	1915	1,24
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
591	641	691	741	791	841	901	961	1021	1091	1166	1241	1341	1416	1516	1616	1716	1841	1966	2091	1,24
432	482	532	582	632	683	743	803	863	933	1008	1083	1183	1258	1358	1458	1558	1683	1808	1933	1,24
563	613	663	713	763	813	873	933	993	1063	1138	1213	1313	1388	1488	1588	1688	1813	1938	2063	1,25
600	650	700	750	800	850	910	970	1030	1100	1175	1250	1350	1425	1525	1625	1725	1850	1975	2100	1,25
450	500	550	600	650	700	760	820	880	950	1025	1100	1200	1275	1375	1475	1575	1700	1825	1950	1,25
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
609	659	709	759	809	859	919	979	1039	1109	1184	1259	1359	1434	1534	1634	1734	1859	1984	2109	1,25
573	623	673	723	773	823	883	943	1003	1073	1148	1223	1323	1398	1498	1598	1698	1823	1948	2073	1,25
552	602	652	702	752	802	862	922	982	1052	1127	1202	1302	1377	1477	1577	1677	1802	1927	2052	1,25
467	517	567	617	667	717	777	837	897	967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	1,25
396	446	496	546	596	646	706	766	826	896	971	1046	1146	1221	1322	1422	1522	1647	1772	1897	1,25
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
483	533	583	633	683	733	793	853	913	983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	1,27
539	589	639	689	739	789	849	909	969	1039	1115	1190	1290	1365	1465	1565	1665	1790	1915	2040	1,27
526	576	626	676	726	776	836	896	956	1026	1101	1176	1276	1351	1451	1551	1651	1776	1901	2026	1,28
498	548	598	648	699	749	809	869	929	999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	1,29
513	563	613	663	713	763	823	883	943	1013	1088	1163	1263	1338	1438	1538	1638	1763	1888	2013	1,29
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
587	637	687	737	787	837	897	957	1017	1087	1162	1237	1337	1412	1512	1612	1712	1837	1962	2087	1,31
423	473	523	573	623	673	733	793	853	923	998	1073	1173	1248	1348	1448	1548	1673	1798	1923	1,31
577	627	677	727	777	827	887	947	1007	1077	1152	1227	1327	1402	1502	1602	1702	1827	1952	2077	1,32
403	454	504	554	604	654	714	774	834	904	979	1054	1154	1229	1329	1429	1529	1654	1779	1904	1,32
595	645	695	745	795	845	905	965	1025	1095	1170	1245	1345	1420	1520	1620	1720	1845	1970	2095	1,32
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
440	490	540	590	640	690	750	810	870	940	1015	1090	1190	1265	1365	1465	1565	1690	1816	1941	1,32
568	618	668	718	768	818	878	938	998	1068	1143	1218	1318	1393	1493	1593	1693	1818	1943	2068	1,32

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,32	106	140	2159	5,95	1098	3,60	720	2,55	206	231	256	281	306	336	366	397	432	467	507
1,33	80	106	2143	2,85	1090	1,87	714	1,40	254	279	304	329	354	384	414	444	479	514	554
1,33	160	212	2143	12,09	1090	7,35	714	5,14	—	—	—	—	206	237	267	297	332	367	407
Arc—Length Correction Factor									**0,79**	**0,81**	**0,81**	**0,82**	**0,83**	**0,84**	**0,87**	**0,88**	**0,88**	**0,89**	**0,91**
1,33	200	265	2143	15,82	1090	9,97	714	6,99	—	—	—	—	—	—	—	—	258	293	333
1,33	150	200	2143	11,04	1090	6,67	714	4,67	—	—	—	199	224	254	284	314	349	384	425
1,34	112	150	2127	6,69	1082	4,03	709	2,84	193	219	244	269	294	324	354	384	419	454	494
1,36	118	160	2096	7,41	1066	4,45	699	3,13	181	206	231	256	281	311	341	371	406	441	481
1,36	140	190	2096	9,95	1066	5,99	699	4,19	—	—	189	214	240	270	300	330	365	400	440
Arc—Length Correction Factor									**0,80**	**0,81**	**0,81**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,92**
1,36	125	170	2096	8,24	1066	4,95	699	3,47	167	192	217	242	267	298	328	358	393	428	468
1,36	132	180	2096	9,05	1066	5,43	699	3,81	—	178	204	229	254	284	314	344	379	414	454
1,39	85	118	2050	3,54	1043	2,24	683	1,65	240	265	290	315	340	370	400	430	465	500	540
1,39	170	236	2050	13,22	1043	8,07	683	5,65	—	—	—	—	—	209	239	269	305	340	380
1,39	90	125	2050	4,09	1043	2,55	683	1,87	231	256	281	306	331	361	391	421	456	491	531
Arc—Length Correction Factor									**0,79**	**0,81**	**0,81**	**0,82**	**0,83**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,39	180	250	2050	14,18	1043	8,73	683	6,11	—	—	—	—	—	—	220	250	285	321	361
1,39	95	132	2050	4,64	1043	2,86	683	2,08	221	246	271	296	321	351	381	411	446	481	521
1,39	190	265	2050	15,09	1043	9,38	683	6,57	—	—	—	—	—	—	—	230	265	300	341
1,40	80	112	2036	2,98	1036	1,93	679	1,44	249	274	299	324	349	379	409	439	474	509	549
1,40	100	140	2036	5,33	1036	3,23	679	2,29	211	236	261	286	311	341	371	401	436	471	511
Arc—Length Correction Factor									**0,79**	**0,81**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,89**	**0,90**	**0,91**
1,40	160	224	2036	12,22	1036	7,41	679	5,18	—	—	—	—	196	226	257	287	322	357	397
1,40	200	280	2036	15,95	1036	10,03	679	7,03	—	—	—	—	—	—	—	—	245	280	321
1,41	150	212	2021	11,17	1028	6,73	674	4,71	—	—	—	188	214	244	274	304	339	375	415
1,42	106	150	2007	6,08	1021	3,66	669	2,59	198	223	248	273	298	328	358	388	423	459	499
1,43	112	160	1993	6,82	1014	4,09	664	2,88	185	210	235	260	285	316	346	376	411	446	486
Arc—Length Correction Factor									**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,88**	**0,89**	**0,90**	**0,91**
1,43	140	200	1993	10,08	1014	6,05	664	4,23	—	—	181	206	231	261	292	322	357	392	432
1,44	132	190	1979	9,18	1007	5,49	660	3,85	—	170	195	220	246	276	306	336	371	406	446
1,44	125	180	1979	8,37	1007	5,01	660	3,51	158	184	209	234	259	289	319	349	385	420	460
1,44	118	170	1979	7,54	1007	4,51	660	3,17	172	197	222	248	273	303	333	363	398	433	473
1,47	90	132	1939	4,09	986	2,55	646	1,87	225	250	275	300	325	355	385	415	450	485	525
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,89**	**0,90**	**0,91**	**0,92**
1,47	85	125	1939	3,54	986	2,24	646	1,65	234	259	284	310	335	365	395	425	460	495	535
1,47	170	250	1939	13,22	986	8,07	646	5,65	—	—	—	—	—	—	227	257	293	328	368
1,47	180	265	1939	14,18	986	8,73	646	6,11	—	—	—	—	—	—	—	237	272	308	348
1,47	95	140	1939	4,64	986	2,86	646	2,08	214	239	265	290	315	345	375	405	440	475	515
1,47	190	280	1939	15,09	986	9,38	646	6,57	—	—	—	—	—	—	—	—	252	288	328
Arc—Length Correction Factor									**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,48	80	118	1926	2,98	980	1,93	642	1,44	244	269	294	319	344	374	404	434	469	504	544
1,48	160	236	1926	12,22	980	7,41	642	5,18	—	—	—	—	—	216	246	277	312	347	387
1,49	150	224	1913	11,17	973	6,73	638	4,71	—	—	—	—	203	233	264	294	329	365	405
1,50	100	150	1900	5,33	967	3,23	633	2,29	202	227	253	278	303	333	363	393	428	463	503
1,50	200	300	1900	15,95	967	10,03	633	7,03	—	—	—	—	—	—	—	—	—	263	303
Arc—Length Correction Factor									**0,80**	**0,81**	**0,81**	**0,82**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,51	106	160	1887	6,08	960	3,66	629	2,59	189	214	240	265	290	320	350	380	415	450	490
1,51	140	212	1887	10,08	960	6,05	629	4,23	—	—	—	195	221	251	281	312	347	382	422
1,52	132	200	1875	9,18	954	5,49	625	3,85	—										
1,52	112	170	1875	6,82	954	4,09	625	2,88	176	202	227	252	277	307	337	367	403	438	478
1,52	125	190	1875	8,37	954	5,01	625	3,51	—	175	200	225	251	281	311	341	376	411	452
Arc—Length Correction Factor									**0,79**	**0,80**	**0,81**	**0,82**	**0,83**	**0,84**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**
1,53	118	180	1863	7,54	948	4,51	621	3,17	163	189	214	239	264	294	325	355	390	425	465
1,55	85	132	1839	3,54	935	2,24	613	1,65	228	254	279	304	329	359	389	419	454	489	529
1,56	90	140	1827	4,09	929	2,55	609	1,87	218	243	268	293	318	349	379	409	444	479	519

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																					
Belt Length Designation																					Speed Ratio
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500		
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
557	607	657	707	757	807	867	927	987	1057	1132	1207	1307	1382	1482	1582	1682	1807	1932	2057	1,32	
604	654	704	754	804	854	914	974	1034	1104	1179	1254	1354	1429	1529	1629	1729	1854	1979	2104	1,33	
457	507	557	607	657	708	768	828	888	958	1033	1108	1208	1283	1383	1483	1583	1708	1833	1958	1,33	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
384	434	484	534	584	634	694	754	814	884	959	1034	1135	1210	1310	1410	1510	1635	1760	1885	1,33	
475	525	575	625	675	725	785	845	905	975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	1,33	
544	594	644	694	744	794	854	914	974	1044	1119	1194	1294	1369	1469	1569	1669	1794	1919	2044	1,34	
531	581	631	681	731	781	842	902	962	1032	1107	1182	1282	1357	1457	1557	1657	1782	1907	2032	1,36	
490	540	590	640	690	741	801	861	921	991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	1,36	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
518	568	618	668	718	768	828	888	948	1018	1093	1168	1268	1343	1443	1543	1643	1768	1893	2018	1,36	
505	555	605	655	705	755	815	875	935	1005	1080	1155	1255	1330	1430	1530	1630	1755	1880	2005	1,36	
590	640	690	740	790	840	900	961	1021	1091	1166	1241	1341	1416	1516	1616	1716	1841	1966	2091	1,39	
430	480	530	580	630	680	741	801	861	931	1006	1081	1181	1256	1356	1456	1556	1681	1806	1931	1,39	
581	631	681	731	781	831	891	951	1011	1081	1156	1231	1331	1406	1506	1606	1706	1831	1956	2081	1,39	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
411	461	511	561	611	662	722	782	842	912	987	1062	1162	1237	1337	1437	1537	1662	1787	1912	1,39	
572	622	672	722	772	822	882	942	1002	1072	1147	1222	1322	1397	1497	1597	1697	1822	1947	2072	1,39	
391	441	491	542	592	642	702	762	822	892	967	1042	1142	1217	1317	1417	1517	1642	1767	1892	1,39	
599	649	699	749	799	849	909	969	1029	1099	1174	1249	1349	1424	1524	1624	1724	1849	1974	2099	1,40	
561	611	661	711	761	811	871	931	991	1061	1136	1211	1311	1386	1486	1586	1686	1811	1936	2062	1,40	
0,92	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
447	498	548	598	648	698	758	818	878	948	1023	1098	1198	1273	1373	1473	1573	1698	1823	1948	1,40	
371	421	472	522	572	622	682	742	802	872	947	1022	1122	1198	1298	1398	1498	1623	1748	1873	1,40	
465	515	565	615	665	715	775	835	895	965	1040	1115	1215	1290	1390	1491	1591	1716	1841	1966	1,41	
549	599	649	699	749	799	859	919	979	1049	1124	1199	1299	1374	1474	1574	1674	1799	1924	2049	1,42	
536	586	636	686	736	786	846	906	966	1036	1111	1186	1286	1361	1461	1561	1661	1786	1911	2036	1,43	
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
482	532	582	632	682	732	793	853	913	983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	1,43	
496	546	597	647	697	747	807	867	927	997	1072	1147	1247	1322	1422	1522	1622	1747	1872	1997	1,44	
510	560	610	660	710	760	820	880	940	1010	1085	1160	1260	1335	1435	1535	1635	1760	1885	2010	1,44	
523	573	623	673	723	773	834	894	954	1024	1099	1174	1274	1349	1449	1549	1649	1774	1899	2024	1,44	
575	625	675	725	775	825	885	945	1006	1076	1151	1226	1326	1401	1501	1601	1701	1826	1951	2076	1,47	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
585	635	685	735	785	835	895	955	1015	1085	1160	1235	1335	1410	1510	1610	1710	1835	1960	2085	1,47	
418	469	519	569	619	669	729	789	849	919	994	1070	1170	1245	1345	1445	1545	1670	1795	1920	1,47	
398	449	499	549	599	649	709	770	830	900	975	1050	1150	1225	1325	1425	1525	1650	1775	1900	1,47	
565	615	665	715	765	815	875	935	995	1065	1140	1215	1315	1390	1490	1590	1690	1815	1940	2065	1,47	
378	429	479	529	579	629	690	750	810	880	955	1030	1130	1205	1305	1405	1505	1630	1755	1881	1,47	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
594	644	694	744	794	844	904	964	1024	1094	1169	1244	1344	1419	1519	1619	1719	1844	1969	2094	1,48	
437	488	538	588	638	688	748	808	868	938	1013	1088	1189	1264	1364	1464	1564	1689	1814	1939	1,48	
455	505	555	605	655	705	766	826	886	956	1031	1106	1206	1281	1381	1481	1581	1706	1831	1956	1,49	
553	603	653	703	753	803	863	923	983	1053	1128	1203	1304	1379	1479	1579	1679	1804	1929	2054	1,50	
354	404	455	505	555	605	666	726	786	856	931	1006	1106	1181	1282	1382	1482	1607	1732	1857	1,50	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
541	591	641	691	741	791	851	911	971	1041	1116	1191	1291	1366	1466	1566	1666	1791	1916	2041	1,51	
472	522	573	623	673	723	783	843	903	973	1048	1123	1223	1298	1398	1498	1598	1723	1848	1973	1,51	
488	538	588	638	689	739	799	859	919	989	1064	1139	1239	1314	1414	1514	1614	1739	1864	1989	1,52	
528	578	628	678	728	778	838	898	958	1028	1103	1178	1278	1353	1453	1553	1653	1778	1903	2028	1,52	
502	552	602	652	702	752	812	872	932	1002	1077	1152	1252	1327	1427	1527	1627	1752	1877	2002	1,52	
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**		
515	565	615	665	715	765	825	886	946	1016	1091	1166	1266	1341	1441	1541	1641	1766	1891	2016	1,53	
579	629	679	729	779	829	889	949	1009	1079	1154	1229	1329	1404	1504	1604	1704	1830	1955	2080	1,55	
569	619	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1694	1819	1944	2069	1,56	

SPA

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									**0,76**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,84**	**0,85**	**0,86**	**0,87**	**0,89**
1,79	106	190	1592	6,19	810	3,72	531	2,63	162	188	214	239	264	295	325	355	390	426	466
Arc—Length Correction Factor									**0,76**	**0,78**	**0,78**	**0,80**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**
1,80	118	212	1583	7,65	806	4,57	528	3,21	—	—	185	211	236	267	297	328	363	398	438
1,80	100	180	1583	5,44	806	3,29	528	2,33	176	201	227	252	277	308	338	368	403	438	479
1,85	170	315	1541	13,33	784	8,13	514	5,69	—	—	—	—	—	—	—	—	—	270	311
1,86	180	335	1532	14,29	780	8,79	511	6,15	—	—	—	—	—	—	—	—	—	—	285
1,87	150	280	1524	11,28	775	6,79	508	4,75	—	—	—	—	—	—	—	244	280	316	357
Arc—Length Correction Factor									**0,73**	**0,76**	**0,76**	**0,79**	**0,80**	**0,82**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**
1,87	190	355	1524	15,20	775	9,44	508	6,61	—	—	—	—	—	—	—	—	—	—	—
1,88	80	150	1516	3,09	771	1,99	505	1,48	217	242	267	292	318	348	378	408	443	478	518
1,88	160	300	1516	12,33	771	7,47	505	5,22	—	—	—	—	—	—	—	—	254	290	332
1,88	200	375	1516	16,06	771	10,09	505	7,07	—	—	—	—	—	—	—	—	—	—	—
1,88	85	160	1516	3,65	771	2,30	505	1,69	204	230	255	280	305	336	366	396	431	466	506
Arc—Length Correction Factor									**0,77**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**
1,89	106	200	1508	6,19	767	3,72	503	2,63	—	179	204	230	255	286	316	347	382	417	457
1,89	125	236	1508	8,48	767	5,07	503	3,55	—	—	—	183	209	240	271	302	337	372	413
1,89	90	170	1508	4,20	767	2,61	503	1,91	192	217	243	268	293	323	354	384	419	454	494
1,89	112	212	1508	6,93	767	4,15	503	2,92	—	163	189	215	240	271	302	332	367	403	443
1,89	140	265	1508	10,19	767	6,11	503	4,27	—	—	—	—	—	—	234	265	301	336	377
Arc—Length Correction Factor									**0,75**	**0,77**	**0,78**	**0,80**	**0,81**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,89**
1,89	132	250	1508	9,29	767	5,55	503	3,89	—	—	—	—	—	222	253	284	320	355	396
1,89	95	180	1508	4,75	767	2,92	503	2,12	179	205	230	256	281	311	341	372	407	442	482
1,90	118	224	1500	7,65	763	4,57	500	3,21	—	—	173	199	225	256	287	317	353	388	428
1,90	100	190	1500	5,44	763	3,29	500	2,33	166	192	218	243	269	299	329	360	395	430	470
1,97	160	315	1447	12,42	736	7,51	482	5,25	—	—	—	—	—	—	—	—	240	276	318
Arc—Length Correction Factor									**0,73**	**0,74**	**0,76**	**0,79**	**0,8**	**0,82**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**
1,97	170	335	1447	13,42	736	8,17	482	5,72	—	—	—	—	—	—	—	—	—	—	292
1,97	180	355	1447	14,38	736	8,83	482	6,18	—	—	—	—	—	—	—	—	—	—	—
1,97	190	375	1447	15,29	736	9,48	482	6,64	—	—	—	—	—	—	—	—	—	—	—
2,00	80	160	1425	3,18	725	2,03	475	1,51	208	233	259	284	309	339	369	400	435	470	510
2,00	85	170	1425	3,74	725	2,34	475	1,72	195	221	246	271	297	327	357	387	423	458	498
Arc—Length Correction Factor									**0,77**	**0,78**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,91**
2,00	90	180	1425	4,29	725	2,65	475	1,94	183	208	234	259	284	315	345	375	411	446	486
2,00	95	190	1425	4,84	725	2,96	475	2,15	170	196	221	247	272	303	333	363	398	434	474
2,00	100	200	1425	5,53	725	3,33	475	2,36	157	183	209	234	260	290	321	351	386	422	462
2,00	106	212	1425	6,28	725	3,76	475	2,66	—	167	193	219	245	275	306	336	372	407	447
2,00	112	224	1425	7,02	725	4,19	475	2,95	—	—	177	204	229	260	291	321	357	392	433
Arc—Length Correction Factor									**—**	**—**	**—**	**0,77**	**0,8**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,89**
2,00	118	236	1425	7,74	725	4,61	475	3,24	—	—	—	188	214	245	276	306	342	377	418
2,00	125	250	1425	8,57	725	5,11	475	3,58	—	—	—	—	196	227	258	289	325	360	401
2,00	140	280	1425	10,28	725	6,15	475	4,30	—	—	—	—	—	—	219	251	287	323	364
2,00	150	300	1425	11,37	725	6,83	475	4,78	—	—	—	—	—	—	—	—	261	297	338
2,00	200	400	1425	16,15	725	10,13	475	7,10	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,79**	**0,82**	**0,84**	**0,85**	**0,87**	**0,88**
2,01	132	265	1418	9,38	721	5,59	473	3,92	—	—	—	—	—	208	239	270	306	342	383
2,08	180	375	1370	14,38	697	8,83	457	6,18	—	—	—	—	—	—	—	—	—	—	—
2,09	170	355	1364	13,42	694	8,17	455	5,72	—	—	—	—	—	—	—	—	—	—	272
2,09	160	335	1364	12,42	694	7,51	455	5,25	—	—	—	—	—	—	—	—	—	257	299
2,10	150	315	1357	11,37	690	6,83	452	4,78	—	—	—	—	—	—	—	—	246	283	324
Arc—Length Correction Factor									**0,75**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**
2,11	95	200	1351	4,84	687	2,96	450	2,15	160	186	212	238	263	294	324	355	390	425	465
2,11	190	400	1351	15,29	687	9,48	450	6,64	—	—	—	—	—	—	—	—	—	—	—
2,11	112	236	1351	7,02	687	4,19	450	2,95	—	—	—	192	218	249	280	311	346	382	422
2,11	90	190	1351	4,29	687	2,65	450	1,94	173	199	225	250	276	306	336	367	402	437	478
2,11	106	224	1351	6,28	687	3,76	450	2,66	—	—	181	208	233	264	295	326	361	397	437

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,90	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
516	566	616	666	716	766	827	887	947	1017	1092	1167	1267	1342	1442	1542	1642	1767	1892	2017	1,79
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
489	539	589	639	689	739	800	860	920	990	1065	1140	1240	1315	1415	1515	1615	1740	1865	1990	1,80
529	579	629	679	729	779	839	899	959	1029	1104	1180	1280	1355	1455	1555	1655	1780	1905	2030	1,80
362	413	464	514	565	615	675	736	796	866	941	1017	1117	1192	1292	1392	1493	1618	1743	1868	1,85
337	388	439	490	540	591	651	712	772	842	917	993	1093	1168	1268	1369	1469	1594	1719	1844	1,86
407	458	508	559	609	659	720	780	840	910	985	1060	1161	1236	1336	1436	1536	1661	1786	1911	1,87
0,90	**0,88**	**0,91**	**0,92**	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	
311	363	414	465	516	566	627	687	748	818	893	969	1069	1144	1244	1345	1445	1570	1695	1820	1,87
568	618	669	719	769	819	879	939	999	1069	1144	1219	1319	1394	1494	1594	1694	1819	1944	2069	1,88
382	433	484	534	585	635	695	756	816	886	961	1037	1137	1212	1312	1412	1512	1637	1763	1888	1,88
—	337	389	440	491	542	602	663	723	794	869	945	1045	1120	1220	1321	1421	1546	1671	1796	1,88
556	607	657	707	757	807	867	927	987	1057	1132	1207	1307	1382	1482	1582	1682	1807	1932	2057	1,88
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
508	558	608	658	708	758	818	879	939	1009	1084	1159	1259	1334	1434	1534	1634	1759	1884	2009	1,89
463	514	564	614	664	714	775	835	895	965	1040	1115	1215	1290	1391	1491	1591	1716	1841	1966	1,89
544	595	645	695	745	795	855	915	975	1045	1120	1195	1295	1370	1470	1570	1670	1795	1920	2046	1,89
493	543	594	644	694	744	804	864	924	994	1069	1145	1245	1320	1420	1520	1620	1745	1870	1995	1,89
428	478	528	579	629	679	739	800	860	930	1005	1080	1180	1256	1356	1456	1556	1681	1806	1931	1,89
0,90	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
446	497	547	597	647	698	758	818	878	948	1023	1099	1199	1274	1374	1474	1574	1699	1824	1949	1,89
532	583	633	683	733	783	843	903	963	1033	1108	1183	1283	1358	1459	1559	1659	1784	1909	2034	1,89
479	529	579	629	679	730	790	850	910	980	1055	1130	1230	1305	1406	1506	1606	1731	1856	1981	1,90
520	571	621	671	721	771	831	891	951	1021	1096	1171	1272	1347	1447	1547	1647	1772	1897	2022	1,90
369	420	471	521	572	622	683	743	803	874	949	1024	1124	1200	1300	1400	1500	1625	1750	1876	1,97
0,89	**0,9**	**0,91**	**0,92**	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	
344	395	446	497	547	598	658	719	779	850	925	1000	1100	1176	1276	1376	1476	1601	1727	1852	1,97
318	370	421	472	523	573	634	695	755	825	901	976	1076	1152	1252	1352	1452	1578	1703	1828	1,97
292	344	396	447	498	549	609	670	731	801	877	952	1052	1128	1228	1328	1428	1554	1679	1804	1,97
560	610	660	710	761	811	871	931	991	1061	1136	1211	1311	1386	1486	1586	1686	1811	1936	2061	2,00
548	598	648	699	749	799	859	919	979	1049	1124	1199	1299	1374	1474	1574	1674	1799	1924	2049	2,00
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
536	586	636	687	737	787	847	907	967	1037	1112	1187	1287	1362	1462	1562	1662	1787	1913	2038	2,00
524	574	624	675	725	775	835	895	955	1025	1100	1175	1275	1350	1450	1551	1651	1776	1901	2026	2,00
512	562	612	663	713	763	823	883	943	1013	1088	1163	1264	1339	1439	1539	1639	1764	1889	2014	2,00
498	548	598	648	698	748	809	869	929	999	1074	1149	1249	1324	1424	1524	1625	1750	1875	2000	2,00
483	533	584	634	684	734	794	854	915	985	1060	1135	1235	1310	1410	1510	1610	1735	1860	1985	2,00
0,90	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
468	519	569	619	670	720	780	840	900	970	1045	1121	1221	1296	1396	1496	1596	1721	1846	1971	2,00
451	502	552	602	653	703	763	823	883	954	1029	1104	1204	1279	1379	1479	1579	1704	1830	1955	2,00
414	465	516	566	616	667	727	787	847	918	993	1068	1168	1243	1343	1444	1544	1669	1794	1919	2,00
390	440	491	542	592	642	703	763	823	894	969	1044	1144	1219	1320	1420	1520	1645	1770	1895	2,00
—	313	365	417	468	519	580	641	702	773	848	924	1024	1099	1200	1300	1400	1526	1651	1776	2,00
0,89	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
433	484	534	585	635	685	745	806	866	936	1011	1086	1186	1262	1362	1462	1562	1687	1812	1937	2,01
298	351	403	454	505	556	617	677	738	808	884	959	1060	1135	1235	1336	1436	1561	1687	1812	2,08
325	377	428	479	530	581	641	702	762	833	908	984	1084	1159	1259	1360	1460	1585	1710	1836	2,09
351	402	453	504	555	605	666	726	787	857	932	1008	1108	1183	1283	1384	1484	1609	1734	1859	2,09
376	427	478	529	579	630	690	750	811	881	956	1032	1132	1207	1307	1408	1508	1633	1758	1883	2,10
0,90	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
516	566	616	666	717	767	827	887	947	1017	1092	1167	1267	1342	1442	1543	1643	1768	1893	2018	2,11
—	320	372	424	475	526	587	648	709	780	855	931	1032	1107	1207	1308	1408	1533	1659	1784	2,11
473	523	573	624	674	724	784	845	905	975	1050	1125	1225	1300	1400	1501	1601	1726	1851	1976	2,11
528	578	628	678	728	779	839	899	959	1029	1104	1179	1279	1354	1454	1554	1654	1779	1905	2030	2,11
487	538	588	638	688	739	799	859	919	989	1064	1139	1240	1315	1415	1515	1615	1740	1865	1990	2,11

SPA

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor								**0,76**	**0,78**	**0,79**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,91**	
2,12	85	180	1344	3,74	684	2,34	448	1,72	186	212	237	263	288	318	349	379	414	449	490
2,12	118	250	1344	7,74	684	4,61	448	3,24	—	—	—	—	200	232	263	294	330	365	406
2,12	100	212	1344	5,53	684	3,33	448	2,36	—	171	197	223	249	279	310	340	376	411	452
2,12	125	265	1344	8,57	684	5,11	448	3,58	—	—	—	—	—	212	244	275	311	347	388
2,12	132	280	1344	9,38	684	5,59	448	3,92	—	—	—	—	—	—	224	256	292	328	369
Arc—Length Correction Factor									**0,77**	**0,78**	**0,81**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,90**	**0,91**
2,13	80	170	1338	3,18	681	2,03	446	1,51	199	224	250	275	300	331	361	391	426	462	502
2,14	140	300	1332	10,28	678	6,15	444	4,30	—	—	—	—	—	—	—	231	268	304	345
2,21	170	375	1290	13,42	656	8,17	430	5,72	—	—	—	—	—	—	—	—	—	—	—
2,22	160	355	1284	12,42	653	7,51	428	5,25	—	—	—	—	—	—	—	—	—	—	279
2,22	90	200	1284	4,29	653	2,65	428	1,94	163	189	215	241	267	297	328	358	394	429	469
Arc—Length Correction Factor									**—**	**0,64**	**0,67**	**0,68**	**0,73**	**0,76**	**0,78**	**0,81**	**0,82**	**0,85**	**0,86**
2,22	180	400	1284	14,38	653	8,83	428	6,18	—	—	—	—	—	—	—	—	—	—	—
2,23	106	236	1278	6,28	650	3,76	426	2,66	—	—	—	196	222	253	284	315	351	386	427
2,23	95	212	1278	4,84	650	2,96	426	2,15	—	174	200	226	252	283	314	344	379	415	455
2,23	112	250	1278	7,02	650	4,19	426	2,95	—	—	—	—	204	236	267	298	334	369	410
2,23	150	335	1278	11,37	650	6,83	426	4,78	—	—	—	—	—	—	—	—	—	263	305
Arc—Length Correction Factor									**0,76**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**
2,24	85	190	1272	3,74	647	2,34	424	1,72	176	202	228	254	279	310	340	370	406	441	481
2,24	100	224	1272	5,53	647	3,33	424	2,36	—	—	185	212	238	269	299	330	365	401	441
2,24	125	280	1272	8,57	647	5,11	424	3,58	—	—	—	—	—	—	229	261	297	333	374
2,25	118	265	1267	7,74	644	4,61	422	3,24	—	—	—	—	—	217	248	280	316	352	392
2,25	200	450	1267	16,15	644	10,13	422	7,10	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,76**	**0,78**	**0,79**	**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**
2,25	80	180	1267	3,18	644	2,03	422	1,51	189	215	241	266	292	322	352	383	418	453	493
2,25	140	315	1267	10,28	644	6,15	422	4,30	—	—	—	—	—	—	—	—	253	290	331
2,27	132	300	1256	9,38	639	5,59	419	3,92	—	—	—	—	—	—	—	236	273	309	351
2,34	160	375	1218	12,42	620	7,51	406	5,25	—	—	—	—	—	—	—	—	—	—	—
2,35	85	200	1213	3,74	617	2,34	404	1,72	166	193	219	245	270	301	331	362	397	432	473
Arc—Length Correction Factor									**—**	**0,64**	**0,67**	**0,70**	**0,75**	**0,76**	**0,78**	**0,81**	**0,82**	**0,85**	**0,86**
2,35	170	400	1213	13,42	617	8,17	404	5,72	—	—	—	—	—	—	—	—	—	—	—
2,36	90	212	1208	4,29	614	2,65	403	1,94	—	177	204	230	256	286	317	348	383	418	459
2,36	95	224	1208	4,84	614	2,96	403	2,15	—	162	189	215	241	272	303	333	369	404	445
2,36	106	250	1208	6,28	614	3,76	403	2,66	—	—	—	181	208	240	271	302	338	374	414
2,36	100	236	1208	5,53	614	3,33	403	2,36	—	—	173	200	226	257	288	319	355	390	431
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,75**	**0,79**	**0,80**	**0,83**	**0,85**	**0,86**	**0,88**
2,37	112	265	1203	7,02	612	4,19	401	2,95	—	—	—	—	189	221	252	284	320	356	397
2,37	150	355	1203	11,37	612	6,83	401	4,78	—	—	—	—	—	—	—	—	—	—	285
2,37	190	450	1203	15,29	612	9,48	401	6,64	—	—	—	—	—	—	—	—	—	—	—
2,37	118	280	1203	7,74	612	4,61	401	3,24	—	—	—	—	—	201	234	265	302	338	379
2,38	200	475	1197	16,15	609	10,13	399	7,10	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,75**	**0,77**	**0,79**	**0,80**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**
2,38	80	190	1197	3,18	609	2,03	399	1,51	180	206	232	257	283	313	344	374	409	445	485
2,39	132	315	1192	9,38	607	5,59	397	3,92	—	—	—	—	—	—	—	—	258	295	337
2,39	140	335	1192	10,28	607	6,15	397	4,30	—	—	—	—	—	—	—	—	—	269	312
2,40	125	300	1188	8,57	604	5,11	396	3,58	—	—	—	—	—	—	—	240	278	314	356
2,48	95	236	1149	4,84	585	2,96	383	2,15	—	—	176	203	229	261	292	322	358	394	434
Arc—Length Correction Factor									**0,71**	**0,72**	**0,76**	**0,77**	**0,80**	**0,82**	**0,83**	**0,85**	**0,86**	**0,87**	**0,89**
2,49	90	224	1145	4,29	582	2,65	382	1,94	—	165	192	218	244	275	306	337	372	408	449
2,49	85	212	1145	3,74	582	2,34	382	1,72	154	181	207	233	259	290	321	351	387	422	462
2,50	180	450	1140	14,38	580	8,83	380	6,18	—	—	—	—	—	—	—	—	—	—	—
2,50	190	475	1140	15,29	580	9,48	380	6,64	—	—	—	—	—	—	—	—	—	—	—
2,50	200	500	1140	16,15	580	10,13	380	7,10	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,73**	**0,76**	**0,78**	**0,80**	**0,81**	**0,84**	**0,84**	**0,85**	**0,87**	**0,88**	**0,89**
2,50	80	200	1140	3,18	580	2,03	380	1,51	170	196	222	248	274	304	335	365	401	436	476

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
540	590	640	690	740	791	851	911	971	1041	1116	1191	1291	1366	1466	1566	1666	1791	1916	2041	2,12
456	507	557	608	658	708	768	828	889	959	1034	1109	1209	1284	1385	1485	1585	1710	1835	1960	2,12
502	552	602	653	703	753	813	873	933	1004	1079	1154	1254	1329	1429	1529	1629	1754	1879	2004	2,12
438	489	539	590	640	690	751	811	871	941	1016	1092	1192	1267	1367	1467	1567	1692	1818	1943	2,12
420	471	521	572	622	673	733	793	853	924	999	1074	1174	1249	1350	1450	1550	1675	1800	1925	2,12
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
552	602	652	702	752	802	863	923	983	1053	1128	1203	1303	1378	1478	1578	1678	1803	1928	2053	2,13
397	447	498	549	599	650	710	770	831	901	976	1052	1152	1227	1327	1427	1528	1653	1778	1903	2,14
305	357	409	461	512	563	624	685	745	816	891	967	1067	1143	1243	1343	1444	1569	1694	1819	2,21
331	383	435	486	537	588	648	709	770	840	916	991	1091	1167	1267	1367	1467	1593	1718	1843	2,22
519	570	620	670	720	770	831	891	951	1021	1096	1171	1271	1346	1446	1546	1646	1771	1897	2022	2,22
0,87	**0,88**	**0,88**	**0,89**	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
—	326	379	431	482	533	595	655	716	787	863	938	1039	1114	1215	1315	1415	1541	1666	1791	2,22
477	528	578	628	678	729	789	849	909	979	1055	1130	1230	1305	1405	1505	1605	1730	1855	1980	2,23
506	556	606	656	707	757	817	877	937	1007	1082	1158	1258	1333	1433	1533	1633	1758	1883	2008	2,23
461	511	562	612	662	712	773	833	893	963	1039	1114	1214	1289	1389	1489	1589	1714	1840	1965	2,23
357	409	460	511	562	612	673	733	794	864	940	1015	1115	1191	1291	1391	1491	1617	1742	1867	2,23
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
532	582	632	682	732	782	842	903	963	1033	1108	1183	1283	1358	1458	1558	1658	1783	1908	2033	2,24
492	542	592	643	693	743	803	863	924	994	1069	1144	1244	1319	1419	1519	1619	1745	1870	1995	2,24
425	476	526	577	627	678	738	798	859	929	1004	1079	1180	1255	1355	1455	1555	1680	1805	1931	2,24
443	494	544	595	645	695	756	816	876	946	1022	1097	1197	1272	1372	1473	1573	1698	1823	1948	2,25
—	—	—	369	421	473	535	597	658	729	805	881	982	1057	1158	1259	1359	1484	1610	1735	2,25
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
544	594	644	694	744	794	854	915	975	1045	1120	1195	1295	1370	1470	1570	1670	1795	1920	2045	2,25
383	434	485	536	586	637	697	758	818	889	964	1039	1139	1215	1315	1415	1515	1640	1766	1891	2,25
402	453	504	555	605	655	716	776	837	907	982	1058	1158	1233	1333	1433	1534	1659	1784	1909	2,27
311	364	416	468	519	570	631	692	752	823	899	974	1075	1150	1250	1351	1451	1576	1702	1827	2,34
523	573	624	674	724	774	834	894	955	1025	1100	1175	1275	1350	1450	1550	1650	1775	1900	2025	2,35
0,87	**0,88**	**0,88**	**0,89**	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
—	333	385	437	489	540	602	663	723	794	870	946	1046	1122	1222	1323	1423	1548	1674	1799	2,35
509	560	610	660	710	760	821	881	941	1011	1086	1161	1261	1337	1437	1537	1637	1762	1887	2012	2,36
495	546	596	646	697	747	807	867	927	997	1073	1148	1248	1323	1423	1523	1623	1748	1873	1999	2,36
465	516	566	616	667	717	777	837	898	968	1043	1118	1218	1294	1394	1494	1594	1719	1844	1969	2,36
481	532	582	633	683	733	793	854	914	984	1059	1134	1234	1309	1410	1510	1610	1735	1860	1985	2,36
0,89	**0,90**	**0,92**	**0,93**	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	
448	498	549	599	650	700	760	820	881	951	1026	1101	1202	1277	1377	1477	1577	1702	1827	1953	2,37
338	390	442	493	544	595	656	716	777	847	923	998	1099	1174	1274	1375	1475	1600	1726	1851	2,37
—	—	321	375	428	480	542	604	665	736	812	888	989	1065	1165	1266	1366	1492	1617	1743	2,37
430	481	531	582	632	683	743	803	864	934	1009	1085	1185	1260	1360	1460	1560	1686	1811	1936	2,37
—	—	—	343	396	449	512	574	635	707	783	859	960	1036	1137	1237	1338	1464	1589	1715	2,38
0,90	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
535	585	636	686	736	786	846	906	966	1037	1112	1187	1287	1362	1462	1562	1662	1787	1912	2037	2,38
388	440	491	541	592	643	703	764	824	894	970	1045	1145	1221	1321	1421	1521	1647	1772	1897	2,39
364	416	467	518	569	619	680	741	801	872	947	1022	1123	1198	1298	1399	1499	1624	1749	1875	2,39
407	458	509	560	610	661	721	781	842	912	987	1063	1163	1238	1339	1439	1539	1664	1789	1914	2,40
485	536	586	636	687	737	797	857	917	988	1063	1138	1238	1313	1413	1514	1614	1739	1864	1989	2,48
0,90	**0,91**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
499	549	600	650	700	751	811	871	931	1001	1076	1152	1252	1327	1427	1527	1627	1752	1877	2002	2,49
513	563	614	664	714	764	824	885	945	1015	1090	1165	1265	1340	1440	1541	1641	1766	1891	2016	2,49
—	—	328	382	434	487	549	611	672	743	819	895	996	1072	1173	1273	1374	1499	1625	1750	2,50
—	—	—	349	403	456	518	580	642	714	790	866	967	1043	1144	1245	1345	1471	1597	1722	2,50
—	—	—	—	370	424	487	550	612	684	761	837	939	1014	1115	1216	1317	1443	1568	1694	2,50
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
527	577	627	678	728	778	838	898	958	1028	1104	1179	1279	1354	1454	1554	1654	1779	1904	2029	2,50

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor								**0,73**	**0,76**	**0,78**	**0,80**	**0,81**	**0,84**	**0,84**	**0,85**	**0,87**	**0,88**	**0,89**	
2,50	100	250	1140	5,53	580	3,33	380	2,36	—	—	—	185	212	244	275	306	342	378	419
2,50	106	265	1140	6,28	580	3,76	380	2,66	—	—	—	—	192	225	256	288	324	360	401
2,50	112	280	1140	7,02	580	4,19	380	2,95	—	—	—	—	—	205	237	269	306	342	383
2,50	150	375	1140	11,37	580	6,83	380	4,78	—	—	—	—	—	—	—	—	—	—	264
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,70**	**0,73**	**0,77**	**0,79**	**0,82**
2,50	160	400	1140	12,42	580	7,51	380	5,25	—	—	—	—	—	—	—	—	—	—	—
2,52	125	315	1131	8,57	575	5,11	377	3,58	—	—	—	—	—	—	—	224	262	300	341
2,54	140	355	1122	10,28	571	6,15	374	4,30	—	—	—	—	—	—	—	—	—	248	292
2,54	132	335	1122	9,38	571	5,59	374	3,92	—	—	—	—	—	—	—	—	237	275	317
2,54	118	300	1122	7,74	571	4,61	374	3,24	—	—	—	—	—	—	212	245	282	319	360
Arc—Length Correction Factor									**—**	**0,72**	**0,73**	**0,76**	**0,78**	**0,81**	**0,83**	**0,84**	**0,85**	**0,87**	**0,88**
2,62	90	236	1088	4,29	553	2,65	363	1,94	—	—	179	206	233	264	295	326	362	397	438
2,63	190	500	1084	15,29	551	9,48	361	6,64	—	—	—	—	—	—	—	—	—	—	—
2,63	95	250	1084	4,84	551	2,96	361	2,15	—	—	—	188	215	247	278	309	345	381	422
2,64	85	224	1080	3,74	549	2,34	360	1,72	—	168	195	222	248	279	310	340	376	412	452
2,64	180	475	1080	14,38	549	8,83	360	6,18	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,66**	**0,71**	**0,73**	**0,76**	**0,78**	**0,78**	**0,79**	**0,81**	**0,84**	**0,85**	**0,86**
2,64	106	280	1080	6,28	549	3,76	360	2,66	—	—	—	—	—	209	241	273	310	346	387
2,65	170	450	1075	13,42	547	8,17	358	5,72	—	—	—	—	—	—	—	—	—	—	—
2,65	80	212	1075	3,18	547	2,03	358	1,51	157	184	210	237	262	293	324	355	390	426	466
2,65	100	265	1075	5,53	547	3,33	358	2,36	—	—	—	—	196	229	260	292	328	364	405
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,70**	**0,73**	**0,78**	**0,81**	**0,84**
2,67	150	400	1067	11,37	543	6,83	356	4,78	—	—	—	—	—	—	—	—	—	—	—
2,67	118	315	1067	7,74	543	4,61	356	3,24	—	—	—	—	—	—	—	229	267	304	346
2,68	112	300	1063	7,02	541	4,19	354	2,95	—	—	—	—	—	—	216	249	286	323	364
2,68	140	375	1063	10,28	541	6,15	354	4,30	—	—	—	—	—	—	—	—	—	—	270
2,68	125	335	1063	8,57	541	5,11	354	3,58	—	—	—	—	—	—	—	—	241	279	322
Arc—Length Correction Factor									**—**	**—**	**0,65**	**0,70**	**0,73**	**0,76**	**0,78**	**0,81**	**0,81**	**0,82**	**0,82**
2,69	132	355	1059	9,38	539	5,59	353	3,92	—	—	—	—	—	—	—	—	—	253	297
2,78	85	236	1025	3,74	522	2,34	342	1,72	—	—	182	209	236	267	298	329	365	401	442
2,78	180	500	1025	14,38	522	8,83	342	6,18	—	—	—	—	—	—	—	—	—	—	—
2,78	90	250	1025	4,29	522	2,65	342	1,94	—	—	—	191	218	250	282	313	349	385	426
2,79	95	265	1022	4,84	520	2,96	341	2,15	—	—	—	—	199	232	264	295	332	368	409
Arc—Length Correction Factor									**—**	**0,54**	**0,55**	**0,62**	**0,66**	**0,71**	**0,75**	**0,77**	**0,78**	**0,81**	**0,84**
2,79	170	475	1022	13,42	520	8,17	341	5,72	—	—	—	—	—	—	—	—	—	—	—
2,80	200	560	1018	16,15	518	10,13	339	7,10	—	—	—	—	—	—	—	—	—	—	—
2,80	80	224	1018	3,18	518	2,03	339	1,51	—	171	198	225	251	282	313	344	380	415	456
2,80	100	280	1018	5,53	518	3,33	339	2,36	—	—	—	—	—	213	245	277	314	350	391
2,81	160	450	1014	12,42	516	7,51	338	5,25	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,75**	**0,77**	**0,80**	**0,83**	**0,86**
2,81	112	315	1014	7,02	516	4,19	338	2,95	—	—	—	—	—	—	—	233	271	308	350
2,83	106	300	1007	6,28	512	3,76	336	2,66	—	—	—	—	—	—	220	253	290	327	369
2,84	118	335	1004	7,74	511	4,61	335	3,24	—	—	—	—	—	—	—	—	245	284	326
2,84	125	355	1004	8,57	511	5,11	335	3,58	—	—	—	—	—	—	—	—	—	258	301
2,84	132	375	1004	9,38	511	5,59	335	3,92	—	—	—	—	—	—	—	—	—	—	275
Arc—Length Correction Factor									**—**	**—**	**—**	**0,62**	**0,69**	**0,71**	**0,75**	**0,77**	**0,80**	**0,83**	**0,84**
2,86	140	400	997	10,28	507	6,15	332	4,30	—	—	—	—	—	—	—	—	—	—	—
2,94	170	500	969	13,42	493	8,17	323	5,72	—	—	—	—	—	—	—	—	—	—	—
2,94	85	250	969	3,74	493	2,34	323	1,72	—	—	—	195	222	254	285	316	352	388	429
2,94	90	265	969	4,29	493	2,65	323	1,94	—	—	—	—	202	235	267	299	335	371	412
2,95	190	560	966	15,29	492	9,48	322	6,64	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**0,71**	**0,74**	**0,77**	**0,78**	**0,78**	**0,81**	**0,84**	**0,85**	**0,86**
2,95	95	280	966	4,84	492	2,96	322	2,15	—	—	—	—	—	216	248	280	317	354	395
2,95	80	236	966	3,18	492	2,03	322	1,51	—	—	186	213	239	271	302	333	369	404	445
2,97	160	475	960	12,42	488	7,51	320	5,25	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
469	520	570	621	671	721	782	842	902	972	1048	1123	1223	1298	1398	1498	1598	1724	1849	1974	2,50
452	502	553	604	654	704	765	825	885	955	1031	1106	1206	1281	1381	1482	1582	1707	1832	1957	2,50
434	485	536	586	637	687	748	808	868	939	1014	1089	1189	1264	1365	1465	1565	1690	1815	1940	2,50
318	371	423	475	526	577	638	699	760	830	906	981	1082	1157	1258	1358	1459	1584	1709	1834	2,50
0,83	**0,84**	**0,86**	**0,89**	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
285	339	392	444	496	547	609	670	731	801	877	953	1054	1129	1230	1330	1430	1556	1681	1806	2,50
393	444	495	546	597	648	708	769	829	900	975	1050	1151	1226	1326	1426	1527	1652	1777	1902	2,52
345	397	449	500	551	602	663	723	784	855	930	1006	1106	1182	1282	1382	1483	1608	1733	1858	2,54
369	421	473	524	574	625	686	747	807	878	953	1028	1129	1204	1304	1405	1505	1630	1755	1881	2,54
412	463	514	565	615	666	726	787	847	917	993	1068	1168	1244	1344	1444	1544	1669	1795	1920	2,54
0,90	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
489	539	590	640	690	740	801	861	921	991	1067	1142	1242	1317	1417	1517	1617	1743	1868	1993	2,62
—	—	—	—	376	430	494	557	619	691	768	844	946	1022	1123	1224	1324	1450	1576	1701	2,63
473	523	574	624	675	725	785	846	906	976	1051	1127	1227	1302	1402	1502	1602	1727	1853	1978	2,63
503	553	603	654	704	754	814	875	935	1005	1080	1155	1256	1331	1431	1531	1631	1756	1881	2006	2,64
—	—	—	355	409	462	525	587	649	721	797	873	975	1050	1151	1252	1353	1478	1604	1730	2,64
0,89	**0,90**	**0,91**	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	
438	489	540	591	641	692	752	812	873	943	1018	1094	1194	1269	1369	1469	1570	1695	1820	1945	2,64
—	—	334	388	441	493	556	617	679	750	826	902	1004	1079	1180	1281	1381	1507	1632	1758	2,65
517	567	617	668	718	768	828	888	948	1019	1094	1169	1269	1344	1444	1544	1644	1770	1895	2020	2,65
456	507	557	608	658	709	769	829	890	960	1035	1110	1211	1286	1386	1486	1586	1711	1837	1962	2,65
0,85	**0,85**	**0,86**	**0,89**	**0,91**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
291	346	399	451	503	554	616	677	738	809	884	960	1061	1136	1237	1337	1438	1563	1689	1814	2,67
398	449	500	551	602	653	713	774	834	905	980	1055	1156	1231	1331	1432	1532	1657	1782	1908	2,67
416	467	518	569	619	670	731	791	851	922	997	1072	1173	1248	1348	1449	1549	1674	1799	1924	2,68
324	377	430	481	533	584	645	706	767	837	913	989	1089	1165	1265	1366	1466	1591	1717	1842	2,68
374	426	477	528	579	630	691	752	812	883	958	1034	1134	1209	1310	1410	1510	1636	1761	1886	2,68
0,85	**0,87**	**0,89**	**0,90**	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
350	402	454	505	557	607	668	729	790	860	936	1012	1112	1187	1288	1388	1489	1614	1739	1864	2,69
492	543	593	644	694	744	804	865	925	995	1070	1146	1246	1321	1421	1521	1621	1746	1871	1997	2,78
—	—	—	—	383	437	501	563	626	698	775	851	953	1029	1130	1231	1332	1457	1583	1709	2,78
476	527	578	628	678	729	789	849	910	980	1055	1130	1230	1306	1406	1506	1606	1731	1856	1981	2,78
460	510	561	611	662	712	773	833	893	964	1039	1114	1214	1290	1390	1490	1590	1715	1840	1966	2,79
0,85	**0,87**	**0,88**	**0,88**	**0,89**	**0,89**	**0,92**	**0,93**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,10**	**1,11**	
—	—	—	362	416	469	532	594	656	728	804	880	982	1058	1159	1259	1360	1486	1611	1737	2,79
—	—	—	—	—	—	425	490	554	628	705	783	885	962	1063	1164	1266	1392	1518	1644	2,80
506	557	607	657	708	758	818	878	939	1009	1084	1159	1259	1334	1435	1535	1635	1760	1885	2010	2,80
443	493	544	595	645	696	756	817	877	947	1023	1098	1198	1274	1374	1474	1574	1699	1824	1950	2,80
—	—	340	395	448	500	562	624	686	757	834	910	1011	1086	1187	1288	1389	1514	1640	1765	2,81
0,86	**0,88**	**0,89**	**0,92**	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
402	453	505	556	606	657	718	778	839	909	985	1060	1160	1236	1336	1436	1536	1662	1787	1912	2,81
420	471	522	573	624	674	735	795	856	926	1002	1077	1177	1253	1353	1453	1553	1678	1804	1929	2,83
379	431	482	533	584	635	696	757	817	888	963	1039	1139	1215	1315	1415	1516	1641	1766	1891	2,84
355	407	459	510	561	612	673	734	795	866	941	1017	1117	1193	1293	1393	1494	1619	1744	1870	2,84
330	383	435	487	538	589	651	712	772	843	919	995	1095	1171	1271	1372	1472	1597	1723	1848	2,84
0,85	**0,85**	**0,86**	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
298	352	405	458	510	561	623	684	745	816	892	967	1068	1144	1244	1345	1445	1571	1696	1821	2,86
—	—	—	—	389	443	507	570	633	705	782	858	960	1036	1137	1238	1339	1465	1590	1716	2,94
480	531	581	632	682	732	793	853	913	984	1059	1134	1234	1309	1410	1510	1610	1735	1860	1985	2,94
463	514	565	615	666	716	776	837	897	967	1043	1118	1218	1293	1394	1494	1594	1719	1844	1969	2,94
—	—	—	—	—	—	432	497	561	634	712	790	892	969	1070	1172	1273	1399	1525	1651	2,95
0,87	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	
446	497	548	598	649	700	760	820	881	951	1026	1102	1202	1277	1378	1478	1578	1703	1828	1953	2,95
496	546	597	647	698	748	808	868	929	999	1074	1149	1250	1325	1425	1525	1625	1750	1875	2000	2,95
—	—	—	368	422	475	538	601	663	735	811	888	989	1065	1166	1267	1367	1493	1619	1744	2,97

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor								—	**—**	**0,71**	**0,74**	**0,77**	**0,78**	**0,78**	**0,81**	**0,84**	**0,85**	**0,86**	
2,97	106	315	960	6,28	488	3,76	320	2,66	—	—	—	—	—	—	—	236	275	312	354
2,99	112	335	953	7,02	485	4,19	318	2,95	—	—	—	—	—	—	—	—	249	287	330
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,64**	**0,71**	**0,74**	**0,77**	**0,80**
3,00	150	450	950	11,37	483	6,83	317	4,78	—	—	—	—	—	—	—	—	—	—	—
3,00	100	300	950	5,53	483	3,33	317	2,36	—	—	—	—	—	—	224	257	294	331	373
3,00	125	375	950	8,57	483	5,11	317	3,58	—	—	—	—	—	—	—	—	—	—	280
3,01	118	355	947	7,74	482	4,61	316	3,24	—	—	—	—	—	—	—	—	—	262	306
3,03	132	400	941	9,38	479	5,59	314	3,92	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**0,55**	**0,55**	**0,56**	**0,57**	**0,57**	**0,65**	**0,72**	**0,75**	**0,78**
3,11	180	560	916	14,38	466	8,83	305	6,18	—	—	—	—	—	—	—	—	—	—	—
3,11	90	280	916	4,29	466	2,65	305	1,94	—	—	—	—	—	219	252	284	320	357	398
3,12	85	265	913	3,74	465	2,34	304	1,72	—	—	—	177	206	238	270	302	338	374	416
3,13	160	500	911	12,42	463	7,51	304	5,25	—	—	—	—	—	—	—	—	—	—	—
3,13	80	250	911	3,18	463	2,03	304	1,51	—	—	170	198	225	257	288	320	356	392	433
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,57**	**0,58**	**0,63**	**0,70**	**0,74**
3,15	200	630	905	16,15	460	10,13	302	7,10	—	—	—	—	—	—	—	—	—	—	—
3,15	100	315	905	5,53	460	3,33	302	2,36	—	—	—	—	—	—	—	240	278	316	358
3,16	95	300	902	4,84	459	2,96	301	2,15	—	—	—	—	—	—	227	260	297	334	376
3,16	106	335	902	6,28	459	3,76	301	2,66	—	—	—	—	—	—	—	—	253	291	334
3,17	150	475	899	11,37	457	6,83	300	4,78	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,77**	**0,82**
3,17	112	355	899	7,02	457	4,19	300	2,95	—	—	—	—	—	—	—	—	—	266	310
3,18	118	375	896	7,74	456	4,61	299	3,24	—	—	—	—	—	—	—	—	—	—	284
3,20	125	400	891	8,57	453	5,11	297	3,58	—	—	—	—	—	—	—	—	—	—	—
3,21	140	450	888	10,28	452	6,15	296	4,30	—	—	—	—	—	—	—	—	—	—	—
3,29	170	560	866	13,42	441	8,17	289	5,72	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**0,70**	**0,71**	**0,76**	**0,78**	**0,81**	**0,82**	**0,85**	**0,86**
3,29	85	280	866	3,74	441	2,34	289	1,72	—	—	—	—	188	222	255	287	324	360	402
3,31	80	265	861	3,18	438	2,03	287	1,51	—	—	—	180	209	241	274	305	342	378	419
3,32	190	630	858	15,29	437	9,48	286	6,64	—	—	—	—	—	—	—	—	—	—	—
3,32	95	315	858	4,84	437	2,96	286	2,15	—	—	—	—	—	—	209	243	282	319	361
3,33	150	500	856	11,37	435	6,83	285	4,78	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,71**	**0,75**	**0,79**	**0,82**	**0,83**	**0,86**
3,33	90	300	856	4,29	435	2,65	285	1,94	—	—	—	—	—	196	230	263	301	338	379
3,35	112	375	851	7,02	433	4,19	284	2,95	—	—	—	—	—	—	—	—	—	—	288
3,35	106	355	851	6,28	433	3,76	284	2,66	—	—	—	—	—	—	—	—	—	269	313
3,35	100	335	851	5,53	433	3,33	284	2,36	—	—	—	—	—	—	—	—	257	295	338
3,39	118	400	841	7,80	428	4,65	280	3,24	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,56**	**0,61**	**0,68**	**0,71**	**0,74**	**0,77**	**0,80**
3,39	140	475	841	10,34	428	6,19	280	4,30	—	—	—	—	—	—	—	—	—	—	—
3,41	132	450	836	9,44	425	5,63	279	3,94	—	—	—	—	—	—	—	—	—	—	—
3,50	180	630	814	14,44	414	8,87	271	6,20	—	—	—	—	—	—	—	—	—	—	—
3,50	160	560	814	12,48	414	7,55	271	5,27	—	—	—	—	—	—	—	—	—	—	—
3,50	80	280	814	3,24	414	2,07	271	1,53	—	—	—	—	191	225	258	290	327	364	405
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,70**	**0,72**	**0,76**	**0,80**	**0,83**	**0,84**
3,50	90	315	814	4,35	414	2,69	271	1,96	—	—	—	—	—	—	212	246	285	322	365
3,53	95	335	807	4,90	411	3,00	269	2,17	—	—	—	—	—	—	—	220	260	298	341
3,53	85	300	807	3,80	411	2,38	269	1,74	—	—	—	—	—	199	233	266	304	341	383
3,54	106	375	805	6,34	410	3,80	268	2,68	—	—	—	—	—	—	—	—	—	246	291
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,59**	**0,59**	**0,60**
3,55	200	710	803	16,21	408	10,17	268	7,12	—	—	—	—	—	—	—	—	—	—	—
3,55	100	355	803	5,59	408	3,37	268	2,38	—	—	—	—	—	—	—	—	233	273	317
3,57	140	500	798	10,34	406	6,19	266	4,32	—	—	—	—	—	—	—	—	—	—	—
3,57	112	400	798	7,08	406	4,23	266	2,97	—	—	—	—	—	—	—	—	—	—	258
3,60	132	475	792	9,44	403	5,63	264	3,94	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,87	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	
406	458	509	560	611	661	722	783	843	914	989	1064	1165	1240	1340	1441	1541	1666	1791	1917	2,97
383	435	486	538	589	639	700	761	822	892	968	1043	1144	1219	1319	1420	1520	1645	1771	1896	2,99
0,83	**0,86**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,09**	**1,10**	**1,11**	
—	—	347	401	454	507	569	631	693	764	841	917	1018	1094	1195	1295	1396	1522	1647	1773	3,00
424	475	527	577	628	679	739	800	860	931	1006	1081	1182	1257	1357	1458	1558	1683	1808	1933	3,00
334	387	440	492	543	594	656	717	777	848	924	1000	1100	1176	1276	1377	1477	1603	1728	1853	3,00
359	412	464	515	566	617	678	739	800	871	946	1022	1122	1198	1298	1399	1499	1624	1750	1875	3,01
303	357	411	463	515	567	628	689	750	821	897	973	1074	1150	1250	1351	1451	1577	1702	1827	3,03
0,81	**0,84**	**0,86**	**0,87**	**0,90**	**0,91**	**0,91**	**0,92**	**0,92**	**0,95**	**0,96**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
—	—	—	—	—	—	438	503	567	641	719	796	899	976	1077	1179	1280	1406	1532	1658	3,11
450	501	551	602	653	703	764	824	884	955	1030	1105	1206	1281	1381	1482	1582	1707	1832	1957	3,11
467	517	568	619	669	720	780	840	901	971	1046	1122	1222	1297	1397	1498	1598	1723	1848	1973	3,12
—	—	—	339	395	450	514	577	639	712	789	865	967	1043	1144	1245	1346	1472	1598	1724	3,13
483	534	585	635	686	736	796	857	917	987	1063	1138	1238	1313	1413	1514	1614	1739	1864	1989	3,13
0,76	**0,82**	**0,83**	**0,85**	**0,88**	**0,89**	**0,92**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**	**0,98**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
—	—	—	—	—	—	—	—	480	557	637	716	820	898	1000	1102	1204	1331	1458	1584	3,15
410	462	513	564	615	666	726	787	847	918	993	1069	1169	1245	1345	1445	1545	1671	1796	1921	3,15
428	479	530	581	632	682	743	803	864	934	1010	1085	1185	1261	1361	1461	1562	1687	1812	1937	3,16
387	439	490	542	593	644	705	765	826	897	972	1048	1148	1223	1324	1424	1525	1650	1775	1900	3,16
—	—	318	374	429	482	545	608	670	742	818	895	996	1072	1173	1274	1375	1501	1626	1752	3,17
0,85	**0,87**	**0,88**	**0,90**	**0,91**	**0,94**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
363	416	468	519	570	622	683	743	804	875	951	1026	1127	1202	1303	1403	1503	1629	1754	1879	3,17
339	392	444	496	548	599	660	722	782	853	929	1005	1106	1181	1282	1382	1482	1608	1733	1859	3,18
307	362	415	468	520	571	633	694	755	826	902	978	1079	1155	1255	1356	1456	1582	1707	1833	3,20
—	296	353	407	461	513	576	638	700	771	848	924	1025	1101	1202	1303	1403	1529	1655	1780	3,21
—	—	—	—	—	376	444	510	574	648	726	803	906	983	1084	1186	1287	1413	1540	1666	3,29
0,87	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	
453	504	555	606	656	707	767	828	888	959	1034	1109	1210	1285	1385	1485	1585	1711	1836	1961	3,29
470	521	572	622	673	723	784	844	904	975	1050	1125	1226	1301	1401	1501	1602	1727	1852	1977	3,31
—	—	—	—	—	—	—	418	487	563	644	723	827	905	1007	1109	1211	1338	1465	1591	3,32
414	465	516	567	618	669	730	790	851	922	997	1073	1173	1248	1349	1449	1549	1675	1800	1925	3,32
—	—	—	345	402	456	520	584	646	718	796	872	974	1050	1151	1253	1353	1479	1605	1731	3,33
0,87	**0,88**	**0,91**	**0,92**	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
431	482	534	584	635	686	746	807	867	938	1013	1089	1189	1264	1365	1465	1565	1691	1816	1941	3,33
342	396	448	500	552	603	665	726	787	858	933	1009	1110	1185	1286	1386	1487	1612	1738	1863	3,35
367	420	472	523	575	626	687	748	809	879	955	1031	1131	1207	1307	1408	1508	1633	1759	1884	3,35
391	443	495	546	597	648	709	770	830	901	976	1052	1153	1228	1328	1429	1529	1654	1780	1905	3,35
311	366	420	472	524	576	638	699	760	831	907	983	1084	1160	1260	1361	1462	1587	1713	1838	3,39
0,83	**0,86**	**0,86**	**0,88**	**0,89**	**0,89**	**0,90**	**0,93**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,11**	
—	—	324	380	435	489	552	614	676	748	825	902	1003	1079	1180	1281	1382	1508	1634	1759	3,39
—	301	358	412	466	519	581	643	705	777	853	930	1031	1107	1208	1308	1409	1535	1661	1786	3,41
—	—	—	—	—	—	—	425	493	570	650	729	834	911	1014	1116	1218	1345	1472	1598	3,50
—	—	—	—	—	383	450	516	580	654	732	810	913	990	1091	1193	1294	1421	1547	1673	3,50
456	508	558	609	660	710	771	831	892	962	1038	1113	1213	1289	1389	1489	1589	1714	1840	1965	3,50
0,86	**0,88**	**0,89**	**0,92**	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	
417	469	520	571	622	673	733	794	855	925	1001	1076	1177	1252	1352	1453	1553	1678	1804	1929	3,50
394	446	498	549	600	651	712	773	834	904	980	1056	1156	1232	1332	1432	1533	1658	1783	1909	3,53
434	486	537	588	639	689	750	811	871	942	1017	1092	1193	1268	1369	1469	1569	1694	1820	1945	3,53
346	400	452	504	556	608	669	730	791	862	938	1013	1114	1190	1290	1391	1491	1617	1742	1868	3,54
0,68	**0,72**	**0,78**	**0,82**	**0,84**	**0,85**	**0,88**	**0,88**	**0,90**	**0,90**	**0,91**	**0,91**	**0,96**	**0,96**	**1,00**	**1,02**	**1,02**	**1,03**	**1,07**	**1,08**	
—	—	—	—	—	—	—	—	—	466	552	634	742	821	926	1029	1132	1260	1387	1514	3,55
371	424	476	527	579	630	691	752	813	884	959	1035	1136	1211	1312	1412	1512	1638	1763	1889	3,55
—	—	—	352	408	463	527	590	653	725	802	879	981	1057	1159	1260	1361	1487	1613	1738	3,57
315	370	424	476	528	580	642	703	765	836	912	988	1089	1164	1265	1365	1466	1592	1717	1842	3,57
—	—	329	385	440	494	557	620	682	754	831	907	1009	1085	1186	1287	1388	1514	1640	1765	3,60

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,57**	**0,65**	**0,72**	**0,77**	**0,80**
3,60	125	450	792	8,63	403	5,15	264	3,60	—	—	—	—	—	—	—	—	—	—	—
3,71	170	630	768	13,48	391	8,21	256	5,74	—	—	—	—	—	—	—	—	—	—	—
3,71	85	315	768	3,80	391	2,38	256	1,74	—	—	—	—	—	—	215	249	288	326	368
3,72	90	335	766	4,35	390	2,69	255	1,96	—	—	—	—	—	—	—	223	263	301	345
3,73	150	560	764	11,43	389	6,87	255	4,80	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,57**	**0,57**	**0,58**	**0,59**	**0,59**	**0,67**
3,74	190	710	762	15,35	388	9,52	254	6,66	—	—	—	—	—	—	—	—	—	—	—
3,74	95	355	762	4,90	388	3,00	254	2,17	—	—	—	—	—	—	—	—	236	276	320
3,75	80	300	760	3,24	387	2,07	253	1,53	—	—	—	—	—	202	236	269	307	344	386
3,75	100	375	760	5,59	387	3,37	253	2,38	—	—	—	—	—	—	—	—	—	249	295
3,77	106	400	756	6,34	385	3,80	252	2,68	—	—	—	—	—	—	—	—	—	—	261
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,57**	**0,62**	**0,69**	**0,73**	**0,78**
3,79	132	500	752	9,44	383	5,63	251	3,94	—	—	—	—	—	—	—	—	—	—	—
3,80	125	475	750	8,63	382	5,15	250	3,60	—	—	—	—	—	—	—	—	—	—	—
3,81	118	450	748	7,80	381	4,65	249	3,26	—	—	—	—	—	—	—	—	—	—	—
3,94	160	630	723	12,48	368	7,55	241	5,27	—	—	—	—	—	—	—	—	—	—	—
3,94	80	315	723	3,24	368	2,07	241	1,53	—	—	—	—	—	—	218	253	291	329	371
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,71**	**0,77**	**0,79**	**0,82**
3,94	85	335	723	3,80	368	2,38	241	1,74	—	—	—	—	—	—	—	226	266	305	348
3,94	180	710	723	14,44	368	8,87	241	6,20	—	—	—	—	—	—	—	—	—	—	—
3,94	90	355	723	4,35	368	2,69	241	1,96	—	—	—	—	—	—	—	—	239	279	324
3,95	95	375	722	4,90	367	3,00	241	2,17	—	—	—	—	—	—	—	—	—	252	298
4,00	200	800	713	16,21	363	10,17	238	7,12	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,60**
4,00	140	560	713	10,34	363	6,19	238	4,32	—	—	—	—	—	—	—	—	—	—	—
4,00	125	500	713	8,63	363	5,15	238	3,60	—	—	—	—	—	—	—	—	—	—	—
4,00	100	400	713	5,59	363	3,37	238	2,38	—	—	—	—	—	—	—	—	—	—	265
4,02	112	450	709	7,08	361	4,23	236	2,97	—	—	—	—	—	—	—	—	—	—	—
4,03	118	475	707	7,80	360	4,65	236	3,26	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,69**	**0,74**	**0,77**	**0,78**
4,17	90	375	683	4,35	348	2,69	228	1,96	—	—	—	—	—	—	—	—	—	255	301
4,18	170	710	682	13,48	347	8,21	227	5,74	—	—	—	—	—	—	—	—	—	—	—
4,18	85	355	682	3,80	347	2,38	227	1,74	—	—	—	—	—	—	—	—	242	282	327
4,19	80	335	680	3,24	346	2,07	227	1,53	—	—	—	—	—	—	—	229	269	308	351
4,20	150	630	679	11,43	345	6,87	226	4,80	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,60**
4,21	190	800	677	15,35	344	9,52	226	6,66	—	—	—	—	—	—	—	—	—	—	—
4,21	95	400	677	4,90	344	3,00	226	2,17	—	—	—	—	—	—	—	—	—	—	268
4,24	118	500	672	7,80	342	4,65	224	3,26	—	—	—	—	—	—	—	—	—	—	—
4,24	112	475	672	7,08	342	4,23	224	2,97	—	—	—	—	—	—	—	—	—	—	—
4,24	132	560	672	9,44	342	5,63	224	3,94	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,63**	**0,66**	**0,74**
4,25	106	450	671	6,34	341	3,80	224	2,68	—	—	—	—	—	—	—	—	—	—	—
4,41	85	375	646	3,80	329	2,38	215	1,74	—	—	—	—	—	—	—	—	—	258	304
4,44	160	710	642	12,48	327	7,55	214	5,27	—	—	—	—	—	—	—	—	—	—	—
4,44	80	355	642	3,24	327	2,07	214	1,53	—	—	—	—	—	—	—	—	245	285	330
4,44	180	800	642	14,44	327	8,87	214	6,20	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,74**
4,44	90	400	642	4,35	327	2,69	214	1,96	—	—	—	—	—	—	—	—	—	—	271
4,46	112	500	639	7,08	325	4,23	213	2,97	—	—	—	—	—	—	—	—	—	—	—
4,48	125	560	636	8,63	324	5,15	212	3,60	—	—	—	—	—	—	—	—	—	—	—
4,48	106	475	636	6,34	324	3,80	212	2,68	—	—	—	—	—	—	—	—	—	—	—
4,50	200	900	633	16,21	322	10,17	211	7,12	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,59**	**0,60**
4,50	140	630	633	10,34	322	6,19	211	4,32	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																					
Belt Length Designation																					Speed Ratio
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500		
0,80	**0,80**	**0,83**	**0,85**	**0,88**	**0,89**	**0,92**	**0,93**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,10**	**1,11**		
—	305	362	417	471	523	586	648	710	782	858	934	1036	1112	1213	1314	1414	1540	1666	1791	3,60	
—	—	—	—	—	—	—	431	499	576	657	736	841	918	1021	1123	1225	1352	1479	1606	3,71	
420	472	523	574	625	676	737	798	858	929	1004	1080	1180	1256	1356	1456	1557	1682	1807	1933	3,71	
397	450	501	553	604	655	716	777	837	908	984	1059	1160	1235	1336	1436	1536	1662	1787	1912	3,72	
—	—	—	—	—	389	457	522	587	661	739	817	920	997	1099	1200	1302	1428	1554	1680	3,73	
0,74	**0,77**	**0,81**	**0,84**	**0,84**	**0,87**	**0,90**	**0,91**	**0,94**	**0,95**	**0,95**	**0,96**	**0,96**	**0,96**	**1,00**	**1,00**	**1,02**	**1,03**	**1,07**	**1,08**		
—	—	—	—	—	—	—	—	—	472	558	641	748	828	932	1036	1139	1267	1394	1521	3,74	
374	427	479	531	582	633	695	756	816	887	963	1039	1139	1215	1315	1416	1516	1642	1767	1892	3,74	
438	489	541	591	642	693	754	814	875	945	1021	1096	1197	1272	1372	1473	1573	1698	1823	1949	3,75	
350	404	456	509	560	612	673	734	795	866	942	1018	1119	1194	1295	1395	1496	1621	1747	1872	3,75	
319	374	428	480	532	584	646	708	769	840	916	992	1093	1169	1269	1370	1470	1596	1722	1847	3,77	
0,81	**0,82**	**0,83**	**0,84**	**0,84**	**0,87**	**0,90**	**0,91**	**0,94**	**0,95**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**		
—	—	—	356	413	468	532	595	658	731	808	885	987	1063	1164	1266	1366	1493	1618	1744	3,79	
—	—	333	390	445	498	562	624	687	759	836	912	1014	1090	1191	1292	1393	1519	1645	1770	3,80	
—	310	367	421	475	528	591	653	715	787	863	939	1041	1117	1218	1319	1419	1545	1671	1796	3,81	
—	—	—	—	—	—	—	437	505	582	663	743	847	925	1028	1130	1232	1360	1486	1613	3,94	
424	475	527	578	629	680	741	801	862	933	1008	1084	1184	1259	1360	1460	1561	1686	1811	1936	3,94	
0,85	**0,87**	**0,89**	**0,90**	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**		
401	453	505	556	607	658	719	780	841	912	987	1063	1164	1239	1339	1440	1540	1666	1791	1916	3,94	
—	—	—	—	—	—	—	—	—	478	564	647	755	834	939	1043	1146	1274	1401	1528	3,94	
377	430	482	534	586	637	698	759	820	891	967	1042	1143	1218	1319	1419	1520	1645	1771	1896	3,94	
353	407	460	512	564	615	677	738	799	870	946	1021	1122	1198	1299	1399	1500	1625	1750	1876	3,95	
—	—	—	—	—	—	—	—	—	—	—	530	645	728	836	942	1047	1177	1306	1434	4,00	
0,68	**0,75**	**0,81**	**0,84**	**0,85**	**0,86**	**0,86**	**0,89**	**0,90**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**		
—	—	—	—	—	395	463	529	593	667	746	824	927	1004	1106	1207	1309	1435	1561	1687	4,00	
—	—	—	361	417	472	537	600	663	735	813	890	992	1068	1169	1271	1372	1498	1624	1749	4,00	
323	378	431	484	537	588	650	712	773	844	920	996	1097	1173	1274	1374	1475	1600	1726	1851	4,00	
—	313	370	425	479	532	595	657	719	791	867	944	1045	1121	1222	1323	1424	1550	1675	1801	4,02	
—	—	337	394	449	503	566	629	691	764	841	917	1019	1095	1196	1297	1398	1524	1650	1776	4,03	
0,81	**0,86**	**0,86**	**0,89**	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,08**	**1,09**	**1,10**	**1,11**		
356	410	463	515	567	619	680	741	802	873	949	1025	1126	1202	1302	1403	1503	1629	1754	1880	4,17	
—	—	—	—	—	—	—	—	—	484	570	653	761	841	946	1049	1153	1281	1408	1535	4,18	
381	434	486	538	589	640	702	763	824	894	970	1046	1147	1222	1323	1423	1524	1649	1774	1900	4,18	
404	456	508	560	611	662	723	784	845	915	991	1067	1167	1243	1343	1444	1544	1669	1795	1920	4,19	
—	—	—	—	—	—	—	443	511	589	670	749	854	932	1035	1137	1239	1367	1493	1620	4,20	
0,60	**0,61**	**0,67**	**0,74**	**0,78**	**0,80**	**0,84**	**0,87**	**0,90**	**0,91**	**0,91**	**0,92**	**0,92**	**0,93**	**0,95**	**0,98**	**1,01**	**1,02**	**1,04**	**1,05**		
—	—	—	—	—	—	—	—	—	—	—	536	651	735	843	949	1054	1184	1312	1441	4,21	
326	381	435	488	540	592	654	715	776	848	924	1000	1101	1177	1277	1378	1479	1604	1730	1855	4,21	
—	—	—	365	422	477	541	605	668	740	818	894	997	1073	1174	1276	1377	1503	1629	1754	4,24	
—	—	341	398	453	507	570	633	696	768	845	921	1023	1099	1200	1302	1402	1528	1654	1780	4,24	
—	—	—	—	—	399	468	534	599	673	751	829	932	1009	1111	1213	1314	1441	1567	1693	4,24	
0,79	**0,80**	**0,81**	**0,84**	**0,86**	**0,89**	**0,92**	**0,93**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,11**		
—	317	374	429	483	536	599	661	723	795	872	948	1049	1125	1226	1327	1428	1554	1680	1805	4,25	
360	413	466	519	570	622	684	745	806	877	953	1029	1130	1205	1306	1406	1507	1632	1758	1883	4,41	
—	—	—	—	—	—	—	—	—	490	576	660	768	847	952	1056	1159	1288	1415	1543	4,44	
384	437	489	541	593	644	705	766	827	898	974	1050	1150	1226	1326	1427	1527	1653	1778	1904	4,44	
—	—	—	—	—	—	—	—	—	—	—	542	658	741	849	955	1060	1190	1319	1448	4,44	
0,79	**0,82**	**0,85**	**0,87**	**0,90**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,09**	**1,10**	**1,11**		
329	384	438	491	543	595	657	719	780	851	927	1003	1104	1180	1281	1382	1482	1608	1733	1859	4,44	
—	—	309	369	425	480	545	609	672	744	822	899	1001	1077	1179	1280	1381	1507	1633	1759	4,46	
—	—	—	—	343	404	472	538	603	677	756	834	937	1014	1116	1218	1319	1446	1572	1698	4,48	
—	—	345	402	457	511	574	637	700	772	849	926	1027	1103	1205	1306	1407	1533	1659	1784	4,48	
—	—	—	—	—	—	—	—	—	—	—	—	—	611	727	838	947	1080	1211	1341	4,50	
0,68	**0,75**	**0,78**	**0,82**	**0,84**	**0,87**	**0,87**	**0,88**	**0,88**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**		
—	—	—	—	—	—	—	449	518	595	676	756	861	939	1042	1144	1246	1374	1501	1627	4,50	

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	**0,59**	**0,60**
4,50	100	450	633	5,59	322	3,37	211	2,38	—	—	—	—	—	—	—	—	—	—	—
4,69	80	375	608	3,24	309	2,07	203	1,53	—	—	—	—	—	—	—	—	—	261	307
4,71	170	800	605	13,48	308	8,21	202	5,74	—	—	—	—	—	—	—	—	—	—	—
4,71	85	400	605	3,80	308	2,38	202	1,74	—	—	—	—	—	—	—	—	—	—	274
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
4,72	106	500	604	6,34	307	3,80	201	2,68	—	—	—	—	—	—	—	—	—	—	—
4,73	150	710	603	11,43	307	6,87	201	4,80	—	—	—	—	—	—	—	—	—	—	—
4,74	190	900	601	15,35	306	9,52	200	6,66	—	—	—	—	—	—	—	—	—	—	—
4,74	95	450	601	4,90	306	3,00	200	2,17	—	—	—	—	—	—	—	—	—	—	—
4,75	118	560	600	7,80	305	4,65	200	3,26	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
4,75	100	475	600	5,59	305	3,37	200	2,38	—	—	—	—	—	—	—	—	—	—	—
4,77	132	630	597	9,44	304	5,63	199	3,94	—	—	—	—	—	—	—	—	—	—	—
5,00	200	1000	570	16,21	290	10,17	190	7,12	—	—	—	—	—	—	—	—	—	—	—
5,00	180	900	570	14,44	290	8,87	190	6,20	—	—	—	—	—	—	—	—	—	—	—
5,00	160	800	570	12,48	290	7,55	190	5,27	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	**0,60**
5,00	112	560	570	7,08	290	4,23	190	2,97	—	—	—	—	—	—	—	—	—	—	—
5,00	90	450	570	4,35	290	2,69	190	1,96	—	—	—	—	—	—	—	—	—	—	—
5,00	95	475	570	4,90	290	3,00	190	2,17	—	—	—	—	—	—	—	—	—	—	—
5,00	100	500	570	5,59	290	3,37	190	2,38	—	—	—	—	—	—	—	—	—	—	—
5,00	80	400	570	3,24	290	2,07	190	1,53	—	—	—	—	—	—	—	—	—	—	277
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
5,04	125	630	565	8,63	288	5,15	188	3,60	—	—	—	—	—	—	—	—	—	—	—
5,07	140	710	562	10,34	286	6,19	187	4,32	—	—	—	—	—	—	—	—	—	—	—
5,26	190	1000	542	15,35	276	9,52	181	6,66	—	—	—	—	—	—	—	—	—	—	—
5,26	95	500	542	4,90	276	3,00	181	2,17	—	—	—	—	—	—	—	—	—	—	—
5,28	90	475	540	4,35	275	2,69	180	1,96	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
5,28	106	560	540	6,34	275	3,80	180	2,68	—	—	—	—	—	—	—	—	—	—	—
5,29	170	900	539	13,48	274	8,21	180	5,74	—	—	—	—	—	—	—	—	—	—	—
5,29	85	450	539	3,80	274	2,38	180	1,74	—	—	—	—	—	—	—	—	—	—	—
5,33	150	800	535	11,43	272	6,87	178	4,80	—	—	—	—	—	—	—	—	—	—	—
5,34	118	630	534	7,80	272	4,65	178	3,26	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
5,38	132	710	530	9,44	270	5,63	177	3,94	—	—	—	—	—	—	—	—	—	—	—
5,56	180	1000	513	14,44	261	8,87	171	6,20	—	—	—	—	—	—	—	—	—	—	—
5,56	90	500	513	4,35	261	2,69	171	1,96	—	—	—	—	—	—	—	—	—	—	—
5,59	85	475	510	3,80	259	2,38	170	1,74	—	—	—	—	—	—	—	—	—	—	—
5,60	100	560	509	5,59	259	3,37	170	2,38	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
5,63	160	900	506	12,48	258	7,55	169	5,27	—	—	—	—	—	—	—	—	—	—	—
5,63	112	630	506	7,08	258	4,23	169	2,97	—	—	—	—	—	—	—	—	—	—	—
5,63	80	450	506	3,24	258	2,07	169	1,53	—	—	—	—	—	—	—	—	—	—	—
5,68	125	710	502	8,63	255	5,15	167	3,60	—	—	—	—	—	—	—	—	—	—	—
5,71	140	800	499	10,34	254	6,19	166	4,32	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
5,88	170	1000	485	13,48	247	8,21	162	5,74	—	—	—	—	—	—	—	—	—	—	—
5,88	85	500	485	3,80	247	2,38	162	1,74	—	—	—	—	—	—	—	—	—	—	—
5,89	95	560	484	4,90	246	3,00	161	2,17	—	—	—	—	—	—	—	—	—	—	—
5,94	80	475	480	3,24	244	2,07	160	1,53	—	—	—	—	—	—	—	—	—	—	—
5,94	106	630	480	6,34	244	3,80	160	2,68	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
6,00	150	900	475	11,43	242	6,87	158	4,80	—	—	—	—	—	—	—	—	—	—	—
6,02	118	710	473	7,80	241	4,65	158	3,26	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
0,68	**0,75**	**0,78**	**0,82**	**0,84**	**0,87**	**0,87**	**0,88**	**0,88**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	
—	320	378	433	487	540	603	665	727	799	876	952	1054	1130	1231	1332	1433	1558	1684	1810	4,50
363	417	470	522	574	625	687	748	809	880	956	1032	1133	1209	1310	1410	1511	1636	1762	1887	4,69
—	—	—	—	—	—	—	—	—	—	—	548	664	747	856	962	1067	1197	1326	1454	4,71
332	387	441	494	547	599	660	722	783	855	931	1007	1108	1184	1285	1385	1486	1612	1737	1863	4,71
—	**0,72**	**0,73**	**0,79**	**0,82**	**0,85**	**0,88**	**0,91**	**0,94**	**0,95**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
—	—	312	372	429	484	549	613	676	748	826	903	1005	1081	1183	1284	1385	1511	1637	1763	4,72
—	—	—	—	—	—	—	—	—	496	583	666	774	854	959	1063	1166	1295	1422	1550	4,73
—	—	—	—	—	—	—	—	—	—	—	—	—	617	733	845	953	1086	1218	1348	4,74
—	323	381	436	490	543	606	669	731	803	879	956	1057	1133	1234	1335	1436	1562	1688	1813	4,74
—	—	—	—	347	408	477	543	608	682	761	839	942	1019	1121	1223	1324	1451	1577	1703	4,75
—	**—**	**0,78**	**0,82**	**0,84**	**0,87**	**0,90**	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
—	—	348	405	460	514	578	641	704	776	853	930	1032	1108	1209	1310	1411	1537	1663	1789	4,75
—	—	—	—	—	—	—	453	522	600	681	761	866	944	1047	1150	1252	1379	1506	1633	4,77
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	722	837	976	1111	1244	5,00
—	—	—	—	—	—	—	—	—	—	—	—	—	623	740	851	960	1093	1224	1354	5,00
—	—	—	—	—	—	—	—	—	—	—	554	670	753	862	969	1074	1204	1333	1461	5,00
0,61	**0,61**	**0,73**	**0,74**	**0,75**	**0,80**	**0,84**	**0,87**	**0,90**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
—	—	—	—	351	412	480	547	611	686	765	843	946	1023	1125	1227	1329	1455	1582	1708	5,00
—	326	384	439	493	546	610	672	734	806	883	959	1061	1137	1238	1339	1440	1566	1692	1817	5,00
—	290	351	408	464	518	582	645	707	779	856	933	1035	1111	1213	1314	1415	1541	1667	1792	5,00
—	—	316	376	433	488	553	617	680	752	830	907	1009	1086	1187	1288	1390	1516	1642	1768	5,00
335	390	444	497	550	602	664	726	787	858	935	1011	1112	1187	1288	1389	1490	1615	1741	1866	5,00
—	**0,61**	**0,67**	**0,74**	**0,80**	**0,83**	**0,86**	**0,87**	**0,87**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,02**	**1,02**	**1,06**	**1,07**	**1,08**	
—	—	—	—	—	—	384	458	527	605	686	766	871	949	1052	1155	1257	1384	1511	1638	5,04
—	—	—	—	—	—	—	—	—	502	589	672	781	861	966	1070	1173	1302	1429	1557	5,07
—	—	—	—	—	—	—	—	—	—	—	—	—	—	605	728	844	982	1117	1250	5,26
—	—	319	379	436	491	556	620	683	756	833	910	1013	1089	1191	1292	1393	1519	1645	1771	5,26
—	293	354	411	467	521	585	648	710	783	860	937	1039	1115	1216	1317	1418	1544	1670	1796	5,28
0,60	**0,69**	**0,76**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,90**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
—	—	—	—	355	415	484	550	615	690	769	847	950	1027	1129	1231	1333	1460	1586	1712	5,28
—	—	—	—	—	—	—	—	—	—	—	—	536	629	746	857	966	1099	1231	1361	5,29
268	329	387	442	496	550	613	675	737	809	886	963	1064	1140	1242	1343	1443	1569	1695	1821	5,29
—	—	—	—	—	—	—	—	—	—	—	560	676	760	868	975	1080	1211	1340	1468	5,33
—	—	—	—	—	—	388	462	531	609	690	770	875	953	1057	1160	1262	1389	1516	1643	5,34
—	**0,61**	**0,62**	**0,70**	**0,75**	**0,78**	**0,84**	**0,87**	**0,88**	**0,88**	**0,90**	**0,90**	**0,93**	**0,96**	**1,00**	**1,00**	**1,02**	**1,03**	**1,04**	**1,08**	
—	—	—	—	—	—	—	—	—	507	594	677	786	866	971	1075	1179	1307	1435	1562	5,38
—	—	—	—	—	—	—	—	—	—	—	—	—	—	611	734	850	989	1124	1257	5,56
—	—	321	382	439	494	559	623	686	759	837	914	1016	1093	1194	1296	1397	1523	1649	1775	5,56
—	296	357	415	470	524	588	651	714	786	863	940	1042	1118	1220	1321	1422	1548	1674	1800	5,59
—	—	—	—	358	419	488	554	619	694	773	851	954	1031	1134	1235	1337	1464	1590	1716	5,60
0,60	**0,61**	**0,62**	**0,62**	**0,68**	**0,72**	**0,76**	**0,82**	**0,86**	**0,87**	**0,90**	**0,93**	**0,96**	**0,96**	**1,00**	**1,00**	**1,00**	**1,00**	**1,03**	**1,04**	
—	—	—	—	—	—	—	—	—	—	—	—	541	635	752	864	973	1106	1238	1368	5,63
—	—	—	—	—	—	392	465	535	613	694	774	879	958	1061	1164	1266	1393	1520	1647	5,63
271	332	390	446	500	553	616	679	741	813	890	966	1068	1144	1245	1346	1447	1573	1699	1825	5,63
—	—	—	—	—	—	—	—	424	511	598	682	790	870	976	1080	1183	1312	1440	1567	5,68
—	—	—	—	—	—	—	—	—	—	472	566	682	766	875	982	1087	1217	1347	1475	5,71
—	**0,61**	**0,62**	**0,62**	**0,63**	**0,64**	**0,69**	**0,77**	**0,81**	**0,84**	**0,88**	**0,90**	**0,90**	**0,91**	**0,91**	**0,92**	**0,93**	**0,96**	**0,99**	**1,02**	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	617	740	856	995	1130	1263	5,88
—	—	324	385	442	498	563	626	690	763	840	917	1020	1096	1198	1299	1400	1527	1653	1779	5,88
—	—	—	—	361	422	491	557	622	697	776	854	958	1035	1137	1239	1341	1467	1594	1720	5,89
—	299	360	418	473	527	591	655	717	790	867	944	1046	1122	1223	1325	1426	1552	1678	1804	5,94
—	—	—	—	—	—	395	469	539	617	698	778	883	962	1065	1168	1270	1398	1525	1651	5,94
—	**—**	**—**	**—**	**0,63**	**0,64**	**0,64**	**0,73**	**0,81**	**0,83**	**0,83**	**0,84**	**0,84**	**0,85**	**0,91**	**0,94**	**0,97**	**1,00**	**1,01**	**1,04**	
—	—	—	—	—	—	—	—	—	—	—	—	547	641	758	870	979	1113	1244	1375	6,00
—	—	—	—	—	—	—	—	428	515	602	686	795	875	980	1085	1188	1317	1445	1572	6,02

SPA Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
6,06	132	800	470	9,44	239	5,63	157	3,94	—	—	—	—	—	—	—	—	—	—	—
6,22	90	560	458	4,35	233	2,69	153	1,96	—	—	—	—	—	—	—	—	—	—	—
6,25	160	1000	456	12,48	232	7,55	152	5,27	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
6,25	80	500	456	3,24	232	2,07	152	1,53	—	—	—	—	—	—	—	—	—	—	—
6,30	100	630	452	5,59	230	3,37	151	2,38	—	—	—	—	—	—	—	—	—	—	—
6,34	112	710	450	7,08	229	4,23	150	2,97	—	—	—	—	—	—	—	—	—	—	—
6,40	125	800	445	8,63	227	5,15	148	3,60	—	—	—	—	—	—	—	—	—	—	—
6,43	140	900	443	10,34	226	6,19	148	4,32	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
6,59	85	560	432	3,80	220	2,38	144	1,74	—	—	—	—	—	—	—	—	—	—	—
6,63	95	630	430	4,90	219	3,00	143	2,17	—	—	—	—	—	—	—	—	—	—	—
6,67	150	1000	427	11,43	217	6,87	142	4,80	—	—	—	—	—	—	—	—	—	—	—
6,70	106	710	425	6,34	216	3,80	142	2,68	—	—	—	—	—	—	—	—	—	—	—
6,78	118	800	420	7,80	214	4,65	140	3,26	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
6,82	132	900	418	9,44	213	5,63	139	3,94	—	—	—	—	—	—	—	—	—	—	—
7,00	90	630	407	4,35	207	2,69	136	1,96	—	—	—	—	—	—	—	—	—	—	—
7,00	80	560	407	3,24	207	2,07	136	1,53	—	—	—	—	—	—	—	—	—	—	—
7,10	100	710	401	5,59	204	3,37	134	2,38	—	—	—	—	—	—	—	—	—	—	—
7,14	140	1000	399	10,34	203	6,19	133	4,32	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
7,14	112	800	399	7,08	203	4,23	133	2,97	—	—	—	—	—	—	—	—	—	—	—
7,20	125	900	396	8,63	201	5,15	132	3,60	—	—	—	—	—	—	—	—	—	—	—
7,41	85	630	385	3,80	196	2,38	128	1,74	—	—	—	—	—	—	—	—	—	—	—
7,47	95	710	382	4,90	194	3,00	127	2,17	—	—	—	—	—	—	—	—	—	—	—
7,55	106	800	377	6,34	192	3,80	126	2,68	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
7,58	132	1000	376	9,44	191	5,63	125	3,94	—	—	—	—	—	—	—	—	—	—	—
7,63	118	900	374	7,80	190	4,65	125	3,26	—	—	—	—	—	—	—	—	—	—	—
7,88	80	630	362	3,24	184	2,07	121	1,53	—	—	—	—	—	—	—	—	—	—	—
7,89	90	710	361	4,35	184	2,69	120	1,96	—	—	—	—	—	—	—	—	—	—	—
8,00	125	1000	356	8,63	181	5,15	119	3,60	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
8,00	100	800	356	5,59	181	3,37	119	2,38	—	—	—	—	—	—	—	—	—	—	—
8,04	112	900	354	7,08	180	4,23	118	2,97	—	—	—	—	—	—	—	—	—	—	—
8,35	85	710	341	3,80	174	2,38	114	1,74	—	—	—	—	—	—	—	—	—	—	—
8,42	95	800	338	4,90	172	3,00	113	2,17	—	—	—	—	—	—	—	—	—	—	—
8,47	118	1000	336	7,80	171	4,65	112	3,26	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
8,49	106	900	336	6,34	171	3,80	112	2,68	—	—	—	—	—	—	—	—	—	—	—
8,88	80	710	321	3,24	163	2,07	107	1,53	—	—	—	—	—	—	—	—	—	—	—
8,89	90	800	321	4,35	163	2,69	107	1,96	—	—	—	—	—	—	—	—	—	—	—
8,93	112	1000	319	7,08	162	4,23	106	2,97	—	—	—	—	—	—	—	—	—	—	—
9,00	100	900	317	5,59	161	3,37	106	2,38	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
9,41	85	800	303	3,80	154	2,38	101	1,74	—	—	—	—	—	—	—	—	—	—	—
9,43	106	1000	302	6,34	154	3,80	101	2,68	—	—	—	—	—	—	—	—	—	—	—
9,47	95	900	301	4,90	153	3,00	100	2,17	—	—	—	—	—	—	—	—	—	—	—
10,00	100	1000	285	5,59	145	3,37	95	2,38	—	—	—	—	—	—	—	—	—	—	—
10,00	90	900	285	4,35	145	2,69	95	1,96	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
10,00	80	800	285	3,24	145	2,07	95	1,53	—	—	—	—	—	—	—	—	—	—	—
10,53	95	1000	271	4,90	138	3,00	90	2,17	—	—	—	—	—	—	—	—	—	—	—
10,59	85	900	269	3,80	137	2,38	90	1,74	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
—	**—**	**—**	**—**	**0,63**	**0,64**	**0,64**	**0,73**	**0,81**	**0,83**	**0,83**	**0,84**	**0,84**	**0,85**	**0,91**	**0,94**	**0,97**	**1,00**	**1,01**	**1,04**	
—	—	—	—	—	—	—	—	—	—	476	571	687	771	880	987	1092	1223	1352	1481	6,06
—	—	—	—	364	425	494	560	626	700	779	858	961	1038	1141	1243	1344	1471	1597	1724	6,22
—	—	—	—	—	—	—	—	—	—	—	—	—	—	623	746	862	1001	1137	1270	6,25
—	**—**	**0,73**	**0,79**	**0,82**	**0,85**	**0,88**	**0,91**	**0,92**	**0,95**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
—	—	327	388	445	501	566	630	693	766	844	921	1023	1100	1201	1303	1404	1530	1656	1782	6,25
—	—	—	—	—	—	399	473	542	620	702	782	887	966	1069	1172	1274	1402	1529	1656	6,30
—	—	—	—	—	—	—	—	431	519	606	690	799	879	984	1089	1192	1321	1449	1576	6,34
—	—	—	—	—	—	—	—	—	—	480	575	692	775	884	991	1097	1227	1357	1486	6,40
—	—	—	—	—	—	—	—	—	—	—	—	553	647	764	876	985	1119	1251	1381	6,43
—	**—**	**—**	**—**	**0,75**	**0,78**	**0,84**	**0,87**	**0,90**	**0,93**	**0,94**	**0,97**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
—	—	—	—	367	428	497	564	629	704	783	861	964	1042	1144	1246	1348	1475	1601	1727	6,59
—	—	—	—	—	—	402	476	545	623	705	785	891	969	1073	1175	1278	1405	1533	1659	6,63
—	—	—	—	—	—	—	—	—	—	—	—	—	—	629	752	868	1008	1143	1276	6,67
—	—	—	—	—	—	—	—	434	522	610	694	803	883	988	1093	1196	1325	1453	1581	6,70
—	—	—	—	—	—	—	—	—	—	484	579	696	780	889	996	1102	1232	1362	1490	6,78
—	**—**	**—**	**—**	**0,63**	**0,64**	**0,64**	**0,73**	**0,78**	**0,84**	**0,88**	**0,90**	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**1,00**	**1,01**	**1,04**	
—	—	—	—	—	—	—	—	—	—	—	—	558	652	769	881	990	1124	1256	1387	6,82
—	—	—	—	—	—	405	479	548	627	708	789	894	972	1076	1179	1281	1409	1536	1663	7,00
—	—	—	—	370	431	500	567	632	707	786	864	968	1045	1148	1250	1351	1478	1605	1731	7,00
—	—	—	—	—	—	—	—	438	526	613	697	806	887	992	1097	1200	1329	1457	1585	7,10
—	—	—	—	—	—	—	—	—	—	—	—	—	—	634	758	874	1014	1150	1283	7,14
—	**—**	**—**	**—**	**—**	**—**	**0,64**	**0,70**	**0,78**	**0,84**	**0,88**	**0,88**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,02**	**1,03**	**1,05**	
—	—	—	—	—	—	—	—	—	—	488	583	699	784	893	1000	1106	1236	1366	1494	7,14
—	—	—	—	—	—	—	—	—	—	—	—	562	656	773	886	995	1129	1261	1391	7,20
—	—	—	—	—	—	408	482	551	630	712	792	897	976	1079	1182	1285	1412	1540	1666	7,41
—	—	—	—	—	—	—	—	441	529	616	701	810	890	996	1100	1204	1333	1461	1588	7,47
—	—	—	—	—	—	—	—	—	—	491	586	703	787	897	1004	1110	1240	1370	1499	7,55
—	**—**	**—**	**—**	**—**	**—**	**0,64**	**0,65**	**0,66**	**0,74**	**0,79**	**0,85**	**0,89**	**0,91**	**0,92**	**0,92**	**0,93**	**0,96**	**0,99**	**1,02**	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	639	763	879	1019	1155	1288	7,58
—	—	—	—	—	—	—	—	—	—	—	—	566	660	778	890	999	1133	1265	1396	7,63
—	—	—	—	—	—	411	485	554	633	715	795	901	979	1083	1186	1288	1416	1543	1670	7,88
—	—	—	—	—	—	—	—	444	532	619	704	813	893	999	1103	1207	1336	1464	1592	7,89
—	—	—	—	—	—	—	—	—	—	—	—	—	—	643	767	884	1023	1159	1293	8,00
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,66**	**0,72**	**0,72**	**0,83**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,02**	**1,03**	**1,05**	
—	—	—	—	—	—	—	—	—	—	495	590	707	791	900	1008	1113	1244	1374	1503	8,00
—	—	—	—	—	—	—	—	—	—	—	—	569	664	781	894	1003	1137	1269	1400	8,04
—	—	—	—	—	—	—	—	447	535	622	707	816	896	1002	1107	1211	1339	1468	1595	8,35
—	—	—	—	—	—	—	—	—	—	498	593	710	794	904	1011	1117	1248	1377	1506	8,42
—	—	—	—	—	—	—	—	—	—	—	—	—	—	647	771	888	1028	1164	1297	8,47
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,66**	**0,71**	**0,79**	**0,80**	**0,80**	**0,85**	**0,88**	**0,94**	**0,97**	**1,00**	**1,01**	**1,04**	
—	—	—	—	—	—	—	—	—	—	—	—	573	667	785	897	1007	1141	1273	1404	8,49
—	—	—	—	—	—	—	—	449	538	626	710	819	900	1006	1110	1214	1343	1471	1599	8,88
—	—	—	—	—	—	—	—	—	—	500	596	713	797	907	1014	1120	1251	1381	1510	8,89
—	—	—	—	—	—	—	—	—	—	—	—	—	—	651	775	892	1032	1168	1301	8,93
—	—	—	—	—	—	—	—	—	—	—	—	576	671	789	901	1011	1145	1277	1408	9,00
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,72**	**0,83**	**0,89**	**0,92**	**0,95**	**0,96**	**0,99**	**1,02**	**1,03**	**1,05**	
—	—	—	—	—	—	—	—	—	—	503	599	716	800	910	1017	1123	1254	1384	1513	9,41
—	—	—	—	—	—	—	—	—	—	—	—	—	—	654	778	895	1035	1172	1305	9,43
—	—	—	—	—	—	—	—	—	—	—	—	579	674	792	904	1014	1148	1281	1412	9,47
—	—	—	—	—	—	—	—	—	—	—	—	—	—	658	782	899	1039	1175	1309	10,00
—	—	—	—	—	—	—	—	—	—	—	—	582	677	795	907	1017	1152	1284	1415	10,00
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,72**	**0,83**	**0,86**	**0,92**	**0,95**	**0,96**	**0,99**	**1,02**	**1,03**	**1,05**	
—	—	—	—	—	—	—	—	—	—	506	601	719	804	913	1021	1127	1258	1387	1516	10,00
—	—	—	—	—	—	—	—	—	—	—	—	—	—	660	785	902	1042	1179	1312	10,53
—	—	—	—	—	—	—	—	—	—	—	—	585	680	798	911	1020	1155	1287	1418	10,59

SPA Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor										
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation										
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	800	850	900	950	1000	1060	1120	1180	1250	1320	1400
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
11,11	90	1000	257	4,35	131	2,69	86	1,96	—	—	—	—	—	—	—	—	—	—	—
11,25	80	900	253	3,24	129	2,07	84	1,53	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—
11,76	85	1000	242	3,80	123	2,38	81	1,74	—	—	—	—	—	—	—	—	—	—	—
12,50	80	1000	228	3,24	116	2,07	76	1,53	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPA

Nominal Center Distances And Arc-Length Correction Factor																				Speed Ratio
Belt Length Designation																				
1500	1600	1700	1800	1900	2000	2120	2240	2360	2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	
—	—	—	—	—	—	—	—	—	—	**0,72**	**0,83**	**0,86**	**0,92**	**0,95**	**0,96**	**0,99**	**1,02**	**1,03**	**1,05**	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	663	788	905	1045	1182	1316	11,11
—	—	—	—	—	—	—	—	—	—	—	—	588	683	801	914	1024	1158	1291	1422	11,25
—	—	—	—	—	—	—	—	—	—	—	—	—	—	**0,78**	**0,86**	**0,89**	**0,96**	**0,99**	**1,02**	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	666	791	908	1048	1185	1319	11,76
—	—	—	—	—	—	—	—	—	—	—	—	—	—	669	794	911	1052	1188	1322	12,50

SPB

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,00	112	112	2850	4,88	1450	3,50	950	2,67	449	484	524	574	624	674	724	774	824	884	944	1004
1,00	118	118	2850	5,91	1450	4,09	950	3,08	440	475	515	565	615	665	715	765	815	875	935	995
1,00	125	125	2850	7,10	1450	4,77	950	3,56	429	464	504	554	604	654	704	754	804	864	924	984
1,00	132	132	2850	8,27	1450	5,45	950	4,03	418	453	493	543	593	643	693	743	793	853	913	973
1,00	140	140	2850	9,58	1450	6,22	950	4,56	405	440	480	530	580	630	680	730	780	840	900	960
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,00	150	150	2850	11,19	1450	7,18	950	5,23	390	425	465	515	565	615	665	715	765	825	885	945
1,00	160	160	2850	12,62	1450	8,34	950	5,98	374	409	449	499	549	599	649	699	749	809	869	929
1,00	170	170	2850	14,25	1450	9,42	950	6,74	358	393	433	483	533	583	633	683	733	793	853	913
1,00	180	180	2850	15,80	1450	10,49	950	7,49	342	377	417	467	517	567	617	667	717	777	837	897
1,00	190	190	2850	17,28	1450	11,55	950	8,24	327	362	402	452	502	552	602	652	702	762	822	882
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,00	200	200	2850	18,68	1450	12,59	950	8,98	311	346	386	436	486	536	586	636	686	746	806	866
1,00	212	212	2850	20,25	1450	13,83	950	9,87	292	327	367	417	467	517	567	617	667	727	787	847
1,00	224	224	2850	21,69	1450	15,03	950	10,74	273	308	348	398	448	498	548	598	648	708	768	828
1,00	236	236	2850	22,99	1450	16,22	950	11,61	254	289	329	379	429	479	529	579	629	689	749	809
1,00	250	250	2850	24,34	1450	17,58	950	12,61	—	268	308	358	408	458	508	558	608	668	728	788
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,00	265	265	2850	25,56	1450	19,00	950	13,67	—	—	284	334	384	434	484	534	584	644	704	764
1,00	280	280	2850	—	1450	20,38	950	14,71	—	—	—	310	360	410	460	510	560	620	680	740
1,05	112	118	2714	5,09	1381	3,61	905	2,74	444	479	519	569	619	669	719	769	819	879	939	999
1,05	190	200	2714	17,49	1381	11,66	905	8,31	319	354	394	444	494	544	594	644	694	754	814	874
1,05	224	236	2714	21,90	1381	15,14	905	10,81	264	299	339	389	439	489	539	589	639	699	759	819
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,06	118	125	2689	6,48	1368	4,38	896	3,27	434	469	509	559	609	659	709	759	809	869	929	989
1,06	125	132	2689	7,67	1368	5,06	896	3,75	423	458	498	548	598	648	698	748	798	858	918	978
1,06	132	140	2689	8,84	1368	5,74	896	4,22	411	446	486	536	586	636	686	736	786	846	906	966
1,06	160	170	2689	13,19	1368	8,63	896	6,17	366	401	441	491	541	591	641	691	741	801	861	921
1,06	170	180	2689	14,82	1368	9,71	896	6,93	350	385	425	475	525	575	625	675	725	785	845	905
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,06	180	190	2689	16,37	1368	10,78	896	7,68	335	370	410	460	510	560	610	660	710	770	830	890
1,06	200	212	2689	19,25	1368	12,88	896	9,17	302	337	377	427	477	527	577	627	677	737	797	857
1,06	212	224	2689	20,82	1368	14,12	896	10,06	283	318	358	408	458	508	558	608	658	718	778	838
1,06	236	250	2689	23,56	1368	16,51	896	11,80	—	278	318	368	418	468	518	568	618	678	738	798
1,06	250	265	2689	24,91	1368	17,87	896	12,80	—	—	296	346	396	446	496	546	596	656	716	776
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,06	265	280	2689	26,13	1368	19,29	896	13,86	—	—	—	322	372	422	472	522	572	632	692	752
1,07	140	150	2664	10,15	1355	6,51	888	4,75	397	432	472	522	572	622	672	722	772	832	892	952
1,07	150	160	2664	11,76	1355	7,47	888	5,42	382	417	457	507	557	607	657	707	757	817	877	937
1,07	280	300	2664	—	1355	20,67	888	14,90	—	—	—	295	345	395	445	495	545	605	665	725
1,11	180	200	2568	16,37	1306	10,78	856	7,68	327	362	402	452	502	552	602	652	702	762	822	882
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,11	212	236	2568	20,82	1306	14,12	856	10,06	273	308	348	398	448	498	548	598	648	708	768	828
1,12	112	125	2545	5,87	1295	4,00	848	3,00	439	474	514	564	614	664	714	764	814	874	934	994
1,12	118	132	2545	6,90	1295	4,59	848	3,41	429	464	504	554	604	654	704	754	804	864	924	984
1,12	125	140	2545	8,09	1295	5,27	848	3,89	417	452	492	542	592	642	692	742	792	852	912	972
1,12	170	190	2545	15,24	1295	9,92	848	7,07	342	377	417	467	517	567	617	667	717	777	837	897
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,12	190	212	2545	18,27	1295	12,05	848	8,57	309	344	384	434	484	534	584	634	684	744	804	864
1,12	200	224	2545	19,67	1295	13,09	848	9,31	292	327	367	417	467	517	567	617	667	727	787	847
1,12	224	250	2545	22,68	1295	15,53	848	11,07	253	288	328	378	428	478	528	578	628	688	748	808
1,12	236	265	2545	23,98	1295	16,72	848	11,94	—	266	306	356	406	456	507	557	607	667	727	787
1,12	250	280	2545	25,33	1295	18,08	848	12,94	—	—	284	334	384	434	484	534	584	644	704	764
Arc—Length Correction Factor									**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,13	150	170	2522	12,18	1283	7,68	841	5,56	374	409	449	499	549	599	649	699	749	809	869	929

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1074	1149	1224	1324	1399	1499	1599	1699	1824	1949	2074	2199	2324	2474	2624	2824	2974	3174	3374	3574	3824	1,00
1065	1140	1215	1315	1390	1490	1590	1690	1815	1940	2065	2190	2315	2465	2615	2815	2965	3165	3365	3565	3815	1,00
1054	1129	1204	1304	1379	1479	1579	1679	1804	1929	2054	2179	2304	2454	2604	2804	2954	3154	3354	3554	3804	1,00
1043	1118	1193	1293	1368	1468	1568	1668	1793	1918	2043	2168	2293	2443	2593	2793	2943	3143	3343	3543	3793	1,00
1030	1105	1180	1280	1355	1455	1555	1655	1780	1905	2030	2155	2280	2430	2580	2780	2930	3130	3330	3530	3780	1,00
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1015	1090	1165	1265	1340	1440	1540	1640	1765	1890	2015	2140	2265	2415	2565	2765	2915	3115	3315	3515	3765	1,00
999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	2124	2249	2399	2549	2749	2899	3099	3299	3499	3749	1,00
983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	2108	2233	2383	2533	2733	2883	3083	3283	3483	3733	1,00
967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	2092	2217	2367	2517	2717	2867	3067	3267	3467	3717	1,00
952	1027	1102	1202	1277	1377	1477	1577	1702	1827	1952	2077	2202	2352	2502	2702	2852	3052	3252	3452	3702	1,00
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
936	1011	1086	1186	1261	1361	1461	1561	1686	1811	1936	2061	2186	2336	2486	2686	2836	3036	3236	3436	3686	1,00
917	992	1067	1167	1242	1342	1442	1542	1667	1792	1917	2042	2167	2317	2467	2667	2817	3017	3217	3417	3667	1,00
898	973	1048	1148	1223	1323	1423	1523	1648	1773	1898	2023	2148	2298	2448	2648	2798	2998	3198	3398	3648	1,00
879	954	1029	1129	1204	1304	1404	1504	1629	1754	1879	2004	2129	2279	2429	2629	2779	2979	3179	3379	3629	1,00
858	933	1008	1108	1183	1283	1383	1483	1608	1733	1858	1983	2108	2258	2408	2608	2758	2958	3158	3358	3608	1,00
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
834	909	984	1084	1159	1259	1359	1459	1584	1709	1834	1959	2084	2234	2384	2584	2734	2934	3134	3334	3584	1,00
810	885	960	1060	1135	1235	1335	1435	1560	1685	1810	1935	2060	2210	2360	2560	2710	2910	3110	3310	3560	1,00
1069	1144	1219	1319	1394	1494	1594	1694	1819	1944	2069	2194	2319	2469	2619	2819	2969	3169	3369	3569	3819	1,05
944	1019	1094	1194	1269	1369	1469	1569	1694	1819	1944	2069	2194	2344	2494	2694	2844	3044	3244	3444	3694	1,05
889	964	1039	1139	1214	1314	1414	1514	1639	1764	1889	2014	2139	2289	2439	2639	2789	2989	3189	3389	3639	1,05
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1059	1134	1209	1309	1384	1484	1584	1684	1809	1934	2059	2184	2309	2459	2609	2809	2959	3159	3359	3559	3809	1,06
1048	1123	1198	1298	1373	1473	1573	1673	1798	1923	2048	2173	2298	2448	2598	2798	2948	3148	3348	3548	3798	1,06
1036	1111	1186	1286	1361	1461	1561	1661	1786	1911	2036	2161	2286	2436	2586	2786	2936	3136	3336	3536	3786	1,06
991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	2116	2241	2391	2541	2741	2891	3091	3291	3491	3741	1,06
975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	2100	2225	2375	2525	2725	2875	3075	3275	3475	3725	1,06
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
960	1035	1110	1210	1285	1385	1485	1585	1710	1835	1960	2085	2210	2360	2510	2710	2860	3060	3260	3460	3710	1,06
927	1002	1077	1177	1252	1352	1452	1552	1677	1802	1927	2052	2177	2327	2477	2677	2827	3027	3227	3427	3677	1,06
908	983	1058	1158	1233	1333	1433	1533	1658	1783	1908	2033	2158	2308	2458	2658	2808	3008	3208	3408	3658	1,06
868	943	1018	1118	1193	1293	1393	1493	1618	1743	1868	1993	2118	2268	2418	2618	2768	2968	3168	3368	3618	1,06
846	921	996	1096	1171	1271	1371	1471	1596	1721	1846	1971	2096	2246	2396	2596	2746	2946	3146	3346	3596	1,06
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
822	897	972	1072	1147	1247	1347	1447	1572	1697	1822	1947	2072	2222	2372	2572	2722	2922	3122	3322	3572	1,06
1022	1097	1172	1272	1347	1447	1547	1647	1772	1897	2022	2147	2272	2422	2572	2772	2922	3122	3322	3522	3772	1,07
1007	1082	1157	1257	1332	1432	1532	1632	1757	1882	2007	2132	2257	2407	2557	2757	2907	3107	3307	3507	3757	1,07
795	870	945	1045	1120	1220	1320	1420	1545	1670	1795	1920	2045	2195	2345	2545	2695	2895	3095	3295	3545	1,07
952	1027	1102	1202	1277	1377	1477	1577	1702	1827	1952	2077	2202	2352	2502	2702	2852	3052	3252	3452	3702	1,11
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
898	973	1048	1148	1223	1323	1423	1523	1648	1773	1898	2023	2148	2298	2448	2648	2798	2998	3198	3398	3648	1,11
1064	1139	1214	1314	1389	1489	1589	1689	1814	1939	2064	2189	2314	2464	2614	2814	2964	3164	3364	3564	3814	1,12
1054	1129	1204	1304	1379	1479	1579	1679	1804	1929	2054	2179	2304	2454	2604	2804	2954	3154	3354	3554	3804	1,12
1042	1117	1192	1292	1367	1467	1567	1667	1792	1917	2042	2167	2292	2442	2592	2792	2942	3142	3342	3542	3792	1,12
967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	2092	2217	2367	2517	2717	2867	3067	3267	3467	3717	1,12
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
934	1009	1084	1184	1259	1359	1459	1559	1684	1809	1934	2059	2184	2334	2484	2684	2834	3034	3234	3434	3684	1,12
917	992	1067	1167	1242	1342	1442	1542	1667	1792	1917	2042	2167	2317	2467	2667	2817	3017	3217	3417	3667	1,12
878	953	1028	1128	1203	1303	1403	1503	1628	1753	1878	2003	2128	2278	2428	2628	2778	2978	3178	3378	3628	1,12
857	932	1007	1107	1182	1282	1382	1482	1607	1732	1857	1982	2107	2257	2407	2607	2757	2957	3157	3357	3607	1,12
834	909	984	1084	1159	1259	1359	1459	1584	1709	1834	1959	2084	2234	2384	2584	2734	2934	3134	3334	3584	1,12
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	2124	2249	2399	2549	2749	2899	3099	3299	3499	3749	1,13

SPB

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
1,13	160	180	2522	13,61	1283	8,84	841	6,31	358	393	433	483	533	583	633	683	733	793	853	913
1,13	265	300	2522	26,55	1283	19,50	841	14,00	—	—	—	306	356	406	456	506	556	616	676	736
1,13	280	315	2522	—	1283	20,88	841	15,04	—	—	—	—	332	383	433	483	533	593	653	713
1,14	132	150	2500	9,26	1272	5,95	833	4,36	404	439	479	529	579	629	679	729	779	839	899	959
1,14	140	160	2500	10,57	1272	6,72	833	4,89	389	424	464	514	564	614	664	714	764	824	884	944
1,18	112	132	2415	5,87	1229	4,00	805	3,00	433	468	508	558	608	658	708	758	808	868	928	988
1,18	170	200	2415	15,24	1229	9,92	805	7,07	334	369	409	459	509	559	609	659	709	769	829	889
1,18	180	212	2415	16,79	1229	10,99	805	7,82	317	352	392	442	492	542	592	642	692	752	812	872
1,18	190	224	2415	18,27	1229	12,05	805	8,57	300	335	375	425	475	525	575	625	675	735	795	855
1,18	200	236	2415	19,67	1229	13,09	805	9,31	282	317	357	407	457	507	557	607	657	718	778	838
1,18	212	250	2415	21,24	1229	14,33	805	10,20	262	297	337	387	437	487	537	587	637	697	757	817
1,18	224	265	2415	22,68	1229	15,53	805	11,07	—	275	315	366	416	466	516	566	616	676	736	796
1,19	118	140	2395	7,26	1218	4,78	798	3,53	422	457	497	547	597	647	697	747	797	857	917	977
1,19	160	190	2395	13,97	1218	9,03	798	6,43	350	385	425	475	525	575	625	675	725	785	845	905
1,19	236	280	2395	24,34	1218	16,91	798	12,06	—	—	294	344	394	444	494	544	595	655	715	775
1,19	265	315	2395	26,91	1218	19,69	798	14,12	—	—	—	294	344	394	444	494	544	604	664	724
1,20	125	150	2375	8,45	1208	5,46	792	4,01	409	444	484	534	584	634	684	734	784	844	904	964
1,20	150	180	2375	12,54	1208	7,87	792	5,68	366	401	441	491	541	591	641	691	741	801	861	921
1,20	250	300	2375	25,69	1208	18,27	792	13,06	—	—	—	317	367	418	468	518	568	628	688	748
1,20	280	335	2375	—	1208	21,07	792	15,16	—	—	—	—	316	366	416	466	516	577	637	697
1,21	132	160	2355	9,62	1198	6,14	785	4,48	396	431	471	521	571	621	671	721	771	831	891	951
1,21	140	170	2355	10,93	1198	6,91	785	5,01	381	416	456	506	556	606	656	706	757	817	877	937
1,24	180	224	2298	17,15	1169	11,18	766	7,94	307	342	382	432	482	532	582	632	683	743	803	863
1,24	190	236	2298	18,63	1169	12,24	766	8,69	290	325	365	415	465	515	565	615	665	725	785	845
1,25	112	140	2280	6,23	1160	4,19	760	3,12	427	462	502	552	602	652	702	752	802	862	922	982
1,25	160	200	2280	13,97	1160	9,03	760	6,43	342	377	417	467	517	567	617	667	717	777	837	897
1,25	170	212	2280	15,60	1160	10,11	760	7,19	324	360	400	450	500	550	600	650	700	760	820	880
1,25	200	250	2280	20,03	1160	13,28	760	9,43	271	306	346	396	446	496	546	596	646	706	766	826
1,25	212	265	2280	21,60	1160	14,52	760	10,32	249	284	324	375	425	475	525	575	625	685	745	805
1,25	224	280	2280	23,04	1160	15,72	760	11,19	—	263	303	353	403	453	504	554	604	664	724	784
1,26	250	315	2262	25,69	1151	18,27	754	13,06	—	—	—	305	355	405	455	505	556	616	676	736
1,26	265	335	2262	26,91	1151	19,69	754	14,12	—	—	—	—	327	377	428	478	528	588	648	708
1,27	118	150	2244	7,55	1142	4,92	748	3,63	414	449	489	539	589	639	689	739	789	849	909	969
1,27	150	190	2244	12,83	1142	8,01	748	5,78	358	393	433	483	533	583	633	683	733	793	853	913
1,27	236	300	2244	24,63	1142	17,05	748	12,16	—	—	277	328	378	428	478	528	578	638	699	759
1,27	280	355	2244	—	1142	21,21	748	15,26	—	—	—	—	—	350	400	450	500	560	620	680
1,28	125	160	2227	8,74	1133	5,60	742	4,11	401	436	476	526	576	626	676	726	776	836	896	956
1,29	132	170	2209	9,91	1124	6,28	736	4,58	387	423	463	513	563	613	663	713	763	823	883	943
1,29	140	180	2209	11,22	1124	7,05	736	5,11	373	408	448	498	548	598	648	699	749	809	869	929
1,31	180	236	2176	17,44	1107	11,32	725	8,04	297	332	372	423	473	523	573	623	673	733	793	853
1,32	170	224	2159	15,89	1098	10,25	720	7,29	315	350	390	440	490	540	590	640	690	750	810	870
1,32	190	250	2159	18,92	1098	12,38	720	8,79	278	313	353	403	454	504	554	604	654	714	774	834
1,32	212	280	2159	21,89	1098	14,66	720	10,42	—	272	312	362	412	463	513	563	613	673	733	793
1,33	150	200	2143	12,83	1090	8,01	714	5,78	349	384	425	475	525	575	625	675	725	785	845	905
1,33	160	212	2143	14,26	1090	9,17	714	6,53	332	367	407	457	507	557	607	657	708	768	828	888
1,33	200	265	2143	20,32	1090	13,42	714	9,53	258	293	333	384	434	484	534	584	634	694	754	814

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																						Speed Ratio
Belt Length Designation																						
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000		
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	2108	2233	2383	2533	2733	2883	3083	3283	3483	3733	1,13	
806	881	956	1056	1131	1231	1331	1431	1556	1681	1806	1931	2056	2206	2356	2556	2706	2906	3106	3306	3556	1,13	
783	858	933	1033	1108	1208	1308	1408	1533	1658	1783	1908	2033	2183	2333	2533	2683	2883	3083	3283	3533	1,13	
1029	1104	1179	1279	1354	1454	1554	1654	1779	1904	2029	2154	2279	2429	2579	2779	2929	3129	3329	3529	3779	1,14	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
1014	1089	1164	1264	1339	1439	1539	1639	1764	1889	2014	2139	2264	2414	2564	2764	2914	3114	3314	3514	3764	1,14	
1058	1133	1208	1308	1383	1483	1583	1683	1808	1933	2058	2183	2308	2458	2608	2808	2958	3158	3358	3558	3808	1,18	
959	1034	1109	1209	1284	1384	1484	1584	1709	1834	1959	2084	2209	2360	2510	2710	2860	3060	3260	3460	3710	1,18	
942	1017	1092	1192	1267	1367	1467	1567	1692	1817	1942	2067	2192	2342	2492	2692	2842	3042	3242	3442	3692	1,18	
925	1000	1075	1175	1250	1350	1450	1550	1675	1800	1925	2050	2175	2325	2475	2675	2825	3025	3225	3425	3675	1,18	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
908	983	1058	1158	1233	1333	1433	1533	1658	1783	1908	2033	2158	2308	2458	2658	2808	3008	3208	3408	3658	1,18	
887	962	1037	1137	1212	1312	1412	1512	1637	1762	1887	2012	2137	2287	2437	2637	2787	2987	3187	3387	3637	1,18	
866	941	1016	1116	1191	1291	1391	1491	1616	1741	1866	1991	2116	2266	2416	2616	2766	2966	3166	3366	3616	1,18	
1047	1122	1197	1297	1372	1472	1572	1672	1797	1922	2047	2172	2297	2447	2597	2797	2947	3147	3347	3547	3797	1,19	
975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	2100	2225	2375	2525	2725	2875	3075	3275	3475	3725	1,19	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
845	920	995	1095	1170	1270	1370	1470	1595	1720	1845	1970	2095	2245	2395	2595	2745	2945	3145	3345	3595	1,19	
794	869	944	1044	1119	1219	1319	1419	1544	1670	1795	1920	2045	2195	2345	2545	2695	2895	3095	3295	3545	1,19	
1034	1109	1184	1284	1359	1459	1559	1659	1784	1909	2034	2159	2284	2434	2584	2784	2934	3134	3334	3534	3784	1,20	
991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	2116	2241	2391	2541	2741	2891	3091	3291	3491	3741	1,20	
818	893	968	1068	1143	1243	1343	1443	1568	1693	1818	1943	2068	2218	2368	2568	2718	2918	3118	3318	3568	1,20	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
767	842	917	1017	1092	1192	1292	1392	1517	1642	1767	1892	2017	2167	2317	2517	2667	2867	3067	3267	3517	1,20	
1021	1096	1171	1271	1346	1446	1546	1646	1771	1896	2021	2146	2271	2421	2571	2771	2921	3121	3321	3521	3771	1,21	
1007	1082	1157	1257	1332	1432	1532	1632	1757	1882	2007	2132	2257	2407	2557	2757	2907	3107	3307	3507	3757	1,21	
933	1008	1083	1183	1258	1358	1458	1558	1683	1808	1933	2058	2183	2333	2483	2683	2833	3033	3233	3433	3683	1,24	
915	990	1065	1165	1240	1340	1440	1540	1665	1790	1915	2040	2165	2315	2465	2665	2815	3016	3216	3416	3666	1,24	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
1052	1127	1202	1302	1377	1477	1577	1677	1802	1927	2052	2177	2302	2452	2602	2802	2952	3152	3352	3552	3802	1,25	
967	1042	1117	1217	1292	1392	1492	1592	1717	1842	1967	2092	2217	2367	2517	2717	2867	3067	3267	3467	3717	1,25	
950	1025	1100	1200	1275	1375	1475	1575	1700	1825	1950	2075	2200	2350	2500	2700	2850	3050	3250	3450	3700	1,25	
896	971	1046	1146	1221	1322	1422	1522	1647	1772	1897	2022	2147	2297	2447	2647	2797	2997	3197	3397	3647	1,25	
875	950	1025	1125	1200	1300	1400	1500	1625	1750	1875	2000	2125	2275	2425	2625	2775	2975	3175	3375	3625	1,25	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
854	929	1004	1104	1179	1279	1379	1479	1604	1729	1854	1979	2104	2254	2404	2604	2754	2954	3154	3354	3604	1,25	
806	881	956	1056	1131	1231	1331	1431	1556	1681	1806	1931	2056	2206	2356	2556	2706	2906	3106	3306	3556	1,26	
778	853	928	1028	1103	1203	1304	1404	1529	1654	1779	1904	2029	2179	2329	2529	2679	2879	3079	3279	3529	1,26	
1039	1115	1190	1290	1365	1465	1565	1665	1790	1915	2040	2165	2290	2440	2590	2790	2940	3140	3340	3540	3790	1,27	
983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	2108	2233	2383	2533	2733	2883	3083	3283	3483	3733	1,27	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
829	904	979	1079	1154	1254	1354	1454	1579	1704	1829	1954	2079	2229	2379	2579	2729	2929	3129	3329	3579	1,27	
751	826	901	1001	1076	1176	1276	1376	1501	1626	1751	1876	2001	2151	2301	2501	2651	2851	3051	3251	3501	1,27	
1026	1101	1176	1276	1351	1451	1551	1651	1776	1901	2026	2151	2276	2426	2576	2776	2926	3126	3326	3526	3776	1,28	
1013	1088	1163	1263	1338	1438	1538	1638	1763	1888	2013	2138	2263	2413	2563	2763	2913	3113	3313	3513	3763	1,29	
999	1074	1149	1249	1324	1424	1524	1624	1749	1874	1999	2124	2249	2399	2549	2749	2899	3099	3299	3499	3749	1,29	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
923	998	1073	1173	1248	1348	1448	1548	1673	1798	1923	2048	2173	2323	2473	2673	2823	3023	3223	3423	3673	1,31	
940	1015	1090	1190	1265	1365	1465	1565	1690	1816	1941	2066	2191	2341	2491	2691	2841	3041	3241	3441	3691	1,32	
904	979	1054	1154	1229	1329	1429	1529	1654	1779	1904	2029	2154	2304	2454	2654	2804	3004	3204	3404	3654	1,32	
863	938	1013	1113	1188	1288	1388	1488	1613	1738	1863	1988	2114	2264	2414	2614	2764	2964	3164	3364	3614	1,32	
975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	2100	2225	2375	2525	2725	2875	3075	3275	3475	3725	1,33	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
958	1033	1108	1208	1283	1383	1483	1583	1708	1833	1958	2083	2208	2358	2508	2708	2858	3058	3258	3458	3708	1,33	
884	959	1034	1135	1210	1310	1410	1510	1635	1760	1885	2010	2135	2285	2435	2635	2785	2985	3185	3385	3635	1,33	

SPB Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,33	236	315	2143	24,63	1090	17,05	714	12,16	—	—	—	315	365	416	466	516	566	626	686	746
1,34	112	150	2127	6,52	1082	4,33	709	3,22	419	454	494	544	594	644	694	744	794	854	914	974
1,34	224	300	2127	23,33	1082	15,86	709	11,29	—	—	286	337	387	437	487	537	587	648	708	768
Arc—Length Correction Factor									**0,82**	**0,85**	**0,86**	**0,86**	**0,87**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,34	250	335	2127	25,98	1082	18,41	709	13,16	—	—	—	—	338	388	439	489	539	599	659	720
1,34	265	355	2127	27,20	1082	19,83	709	14,22	—	—	—	—	—	360	411	461	511	572	632	692
1,34	280	375	2127	—	1082	21,21	709	15,26	—	—	—	—	—	332	383	433	483	544	604	664
1,36	118	160	2096	7,55	1066	4,92	699	3,63	406	441	481	531	581	631	681	731	781	842	902	962
1,36	125	170	2096	8,74	1066	5,60	699	4,11	393	428	468	518	568	618	668	718	768	828	888	948
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,36	132	180	2096	9,91	1066	6,28	699	4,58	379	414	454	505	555	605	655	705	755	815	875	935
1,36	140	190	2096	11,22	1066	7,05	699	5,11	365	400	440	490	540	590	640	690	741	801	861	921
1,39	170	236	2050	16,17	1043	10,40	683	7,38	305	340	380	430	480	530	580	630	680	741	801	861
1,39	180	250	2050	17,72	1043	11,47	683	8,13	285	321	361	411	461	511	561	611	662	722	782	842
1,39	190	265	2050	19,20	1043	12,53	683	8,88	265	300	341	391	441	491	542	592	642	702	762	822
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,40	160	224	2036	14,54	1036	9,32	679	6,62	322	357	397	447	498	548	598	648	698	758	818	878
1,40	200	280	2036	20,60	1036	13,57	679	9,62	245	280	321	371	421	472	522	572	622	682	742	802
1,41	150	212	2021	13,11	1028	8,16	674	5,87	339	375	415	465	515	565	615	665	715	775	835	895
1,41	224	315	2021	23,61	1028	16,01	674	11,38	—	—	273	324	374	424	475	525	575	635	695	756
1,42	212	300	2007	22,17	1021	14,81	669	10,51	—	—	295	345	396	446	496	546	596	657	717	777
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,42	236	335	2007	24,91	1021	17,20	669	12,25	—	—	—	298	348	399	449	499	550	610	670	730
1,42	250	355	2007	26,26	1021	18,56	669	13,25	—	—	—	—	321	371	422	472	522	583	643	703
1,42	265	375	2007	27,48	1021	19,98	669	14,31	—	—	—	—	—	343	394	444	495	555	615	675
1,43	112	160	1993	6,80	1014	4,48	664	3,31	411	446	486	536	586	636	686	736	786	846	906	966
1,43	140	200	1993	11,50	1014	7,20	664	5,20	357	392	432	482	532	582	632	682	732	793	853	913
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,87**	**0,89**	**0,9**	**0,9**	**0,91**	**0,94**
1,43	280	400	1993	—	1014	21,36	664	15,35	—	—	—	—	—	—	361	412	462	523	583	643
1,44	118	170	1979	7,83	1007	5,07	660	3,72	398	433	473	523	573	623	673	723	773	834	894	954
1,44	125	180	1979	9,02	1007	5,75	660	4,20	385	420	460	510	560	610	660	710	760	820	880	940
1,44	132	190	1979	10,19	1007	6,43	660	4,67	371	406	446	496	546	597	647	697	747	807	867	927
1,47	170	250	1939	16,17	986	10,40	646	7,38	293	328	368	418	469	519	569	619	669	729	789	849
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,47	180	265	1939	17,72	986	11,47	646	8,13	272	308	348	398	449	499	549	599	649	709	770	830
1,47	190	280	1939	19,20	986	12,53	646	8,88	252	288	328	378	429	479	529	579	629	690	750	810
1,48	160	236	1926	14,54	980	9,32	642	6,62	312	347	387	437	488	538	588	638	688	748	808	868
1,49	150	224	1913	13,11	973	8,16	638	5,87	329	365	405	455	505	555	605	655	705	766	826	886
1,49	212	315	1913	22,17	973	14,81	638	10,51	—	—	282	332	383	433	484	534	584	644	704	765
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,50	200	300	1900	20,60	967	13,57	633	9,62	—	263	303	354	404	455	505	555	605	666	726	786
1,50	224	335	1900	23,61	967	16,01	633	11,38	—	—	—	306	357	407	458	508	558	619	679	739
1,50	236	355	1900	24,91	967	17,20	633	12,25	—	—	—	—	331	381	432	482	533	593	653	714
1,50	250	375	1900	26,26	967	18,56	633	13,25	—	—	—	—	—	354	405	455	506	566	626	687
1,51	140	212	1887	11,50	960	7,20	629	5,20	347	382	422	472	522	573	623	673	723	783	843	903
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,87**	**0,88**	**0,9**	**0,9**	**0,91**	**0,92**
1,51	265	400	1887	27,48	960	19,98	629	14,31	—	—	—	—	—	—	372	423	473	534	594	654
1,52	112	170	1875	6,80	954	4,48	625	3,31	403	438	478	528	578	628	678	728	778	838	898	958
1,52	125	190	1875	9,02	954	5,75	625	4,20	376	411	452	502	552	602	652	702	752	812	872	932
1,52	132	200	1875	10,19	954	6,43	625	4,67	363	398	438	488	538	588	638	689	739	799	859	919
1,52	280	425	1875	—	954	21,36	625	15,35	—	—	—	—	—	—	—	390	441	501	562	622
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,53	118	180	1863	7,83	948	5,07	621	3,72	390	425	465	515	565	615	665	715	765	825	886	946
1,56	160	250	1827	14,54	929	9,32	609	6,62	300	335	375	426	476	526	576	627	677	737	797	857
1,56	170	265	1827	16,17	929	10,40	609	7,38	279	315	355	406	456	506	556	607	657	717	777	837

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
817	892	967	1067	1142	1242	1342	1442	1567	1692	1817	1942	2067	2217	2367	2567	2717	2917	3117	3317	3567	1,33
1044	1119	1194	1294	1369	1469	1569	1669	1794	1919	2044	2169	2294	2444	2594	2794	2944	3144	3344	3544	3794	1,34
838	913	988	1088	1163	1263	1363	1463	1588	1713	1838	1963	2088	2238	2388	2588	2738	2938	3138	3338	3588	1,34
0,95	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
790	865	940	1040	1115	1215	1315	1415	1540	1665	1790	1915	2040	2190	2340	2540	2690	2890	3090	3291	3541	1,34
762	837	912	1012	1087	1187	1288	1388	1513	1638	1763	1888	2013	2163	2313	2513	2663	2863	3063	3263	3513	1,34
734	809	885	985	1060	1160	1260	1360	1485	1610	1735	1860	1985	2135	2285	2485	2635	2835	3035	3235	3486	1,34
1032	1107	1182	1282	1357	1457	1557	1657	1782	1907	2032	2157	2282	2432	2582	2782	2932	3132	3332	3532	3782	1,36
1018	1093	1168	1268	1343	1443	1543	1643	1768	1893	2018	2143	2268	2418	2568	2768	2918	3118	3318	3518	3768	1,36
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1005	1080	1155	1255	1330	1430	1530	1630	1755	1880	2005	2130	2255	2405	2555	2755	2905	3105	3305	3505	3755	1,36
991	1066	1141	1241	1316	1416	1516	1616	1741	1866	1991	2116	2241	2391	2541	2741	2891	3091	3291	3491	3741	1,36
931	1006	1081	1181	1256	1356	1456	1556	1681	1806	1931	2056	2181	2331	2481	2681	2831	3031	3231	3431	3681	1,39
912	987	1062	1162	1237	1337	1437	1537	1662	1787	1912	2037	2162	2312	2462	2662	2812	3012	3212	3412	3662	1,39
892	967	1042	1142	1217	1317	1417	1517	1642	1767	1892	2017	2142	2293	2443	2643	2793	2993	3193	3393	3643	1,39
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
948	1023	1098	1198	1273	1373	1473	1573	1698	1823	1948	2073	2198	2348	2498	2698	2848	3048	3248	3448	3698	1,40
872	947	1022	1122	1198	1298	1398	1498	1623	1748	1873	1998	2123	2273	2423	2623	2773	2973	3173	3373	3623	1,40
965	1040	1115	1215	1290	1390	1491	1591	1716	1841	1966	2091	2216	2366	2516	2716	2866	3066	3266	3466	3716	1,41
826	901	976	1076	1151	1251	1351	1451	1576	1701	1826	1951	2076	2226	2376	2576	2727	2927	3127	3327	3577	1,41
847	922	997	1097	1172	1272	1372	1472	1597	1723	1848	1973	2098	2248	2398	2598	2748	2948	3148	3348	3598	1,42
0,95	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
800	875	950	1051	1126	1226	1326	1426	1551	1676	1801	1926	2051	2201	2351	2551	2701	2901	3101	3301	3551	1,42
773	848	924	1024	1099	1199	1299	1399	1524	1649	1774	1899	2024	2174	2324	2525	2675	2875	3075	3275	3525	1,42
746	821	896	996	1071	1171	1271	1371	1497	1622	1747	1872	1997	2147	2297	2497	2647	2847	3047	3247	3497	1,42
1036	1111	1186	1286	1361	1461	1561	1661	1786	1911	2036	2161	2286	2436	2586	2786	2936	3136	3336	3536	3786	1,43
983	1058	1133	1233	1308	1408	1508	1608	1733	1858	1983	2108	2233	2383	2533	2733	2883	3083	3283	3483	3733	1,43
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
714	789	864	964	1039	1140	1240	1340	1465	1590	1715	1840	1965	2115	2265	2465	2616	2816	3016	3216	3466	1,43
1024	1099	1174	1274	1349	1449	1549	1649	1774	1899	2024	2149	2274	2424	2574	2774	2924	3124	3324	3524	3774	1,44
1010	1085	1160	1260	1335	1435	1535	1635	1760	1885	2010	2135	2260	2410	2560	2760	2910	3110	3310	3510	3760	1,44
997	1072	1147	1247	1322	1422	1522	1622	1747	1872	1997	2122	2247	2397	2547	2747	2897	3097	3297	3497	3747	1,44
919	994	1070	1170	1245	1345	1445	1545	1670	1795	1920	2045	2170	2320	2470	2670	2820	3020	3220	3420	3670	1,47
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
900	975	1050	1150	1225	1325	1425	1525	1650	1775	1900	2025	2150	2300	2450	2650	2800	3000	3200	3400	3650	1,47
880	955	1030	1130	1205	1305	1405	1505	1630	1755	1881	2006	2131	2281	2431	2631	2781	2981	3181	3381	3631	1,47
938	1013	1088	1189	1264	1364	1464	1564	1689	1814	1939	2064	2189	2339	2489	2689	2839	3039	3239	3439	3689	1,48
956	1031	1106	1206	1281	1381	1481	1581	1706	1831	1956	2081	2206	2356	2506	2706	2856	3056	3256	3456	3706	1,49
835	910	985	1085	1160	1260	1360	1460	1585	1711	1836	1961	2086	2236	2386	2586	2736	2936	3136	3336	3586	1,49
0,95	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
856	931	1006	1106	1181	1282	1382	1482	1607	1732	1857	1982	2107	2257	2407	2607	2757	2957	3157	3357	3607	1,50
809	884	960	1060	1135	1235	1335	1435	1560	1685	1810	1935	2060	2210	2361	2561	2711	2911	3111	3311	3561	1,50
784	859	934	1034	1109	1210	1310	1410	1535	1660	1785	1910	2035	2185	2335	2535	2685	2885	3085	3286	3536	1,50
757	832	907	1007	1083	1183	1283	1383	1508	1633	1758	1883	2008	2158	2309	2509	2659	2859	3059	3259	3509	1,50
973	1048	1123	1223	1298	1398	1498	1598	1723	1848	1973	2098	2223	2373	2523	2723	2873	3073	3273	3473	3724	1,51
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
725	800	875	976	1051	1151	1251	1351	1476	1602	1727	1852	1977	2127	2277	2477	2627	2827	3027	3227	3477	1,51
1028	1103	1178	1278	1353	1453	1553	1653	1778	1903	2028	2153	2278	2428	2578	2778	2928	3128	3329	3529	3779	1,52
1002	1077	1152	1252	1327	1427	1527	1627	1752	1877	2002	2127	2252	2403	2553	2753	2903	3103	3303	3503	3753	1,52
989	1064	1139	1239	1314	1414	1514	1614	1739	1864	1989	2114	2239	2389	2539	2739	2889	3089	3289	3489	3739	1,52
693	768	843	944	1019	1119	1219	1320	1445	1570	1695	1820	1945	2095	2245	2446	2596	2796	2996	3196	3446	1,52
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1016	1091	1166	1266	1341	1441	1541	1641	1766	1891	2016	2141	2266	2416	2566	2766	2916	3116	3316	3516	3766	1,53
927	1002	1077	1177	1252	1352	1452	1552	1678	1803	1928	2053	2178	2328	2478	2678	2828	3028	3228	3428	3678	1,56
907	982	1057	1158	1233	1333	1433	1533	1658	1783	1908	2033	2158	2308	2458	2658	2808	3008	3208	3408	3658	1,56

SPB Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,95**
1,56	180	280	1827	17,72	929	11,47	609	8,13	259	295	335	386	436	486	537	587	637	697	757	817
1,57	150	236	1815	13,11	924	8,16	605	5,87	319	354	395	445	495	545	595	646	696	756	816	876
Arc—Length Correction Factor									**—**	**0,81**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,58	190	300	1804	19,44	918	12,65	601	8,96	—	270	310	361	412	462	512	563	613	673	733	793
1,58	200	315	1804	20,84	918	13,69	601	9,70	—	—	290	341	392	442	492	543	593	653	713	774
1,58	212	335	1804	22,41	918	14,93	601	10,59	—	—	—	315	365	416	467	517	567	628	688	748
1,58	224	355	1804	23,85	918	16,13	601	11,46	—	—	—	—	339	390	441	491	542	602	662	723
1,59	236	375	1792	25,15	912	17,32	597	12,33	—	—	—	—	313	364	415	465	516	576	637	697
Arc—Length Correction Factor									**0,82**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,93**	**0,94**	**0,95**
1,60	125	200	1781	9,26	906	5,87	594	4,28	368	403	443	493	544	594	644	694	744	804	864	924
1,60	140	224	1781	11,74	906	7,32	594	5,28	337	372	412	462	513	563	613	663	713	773	833	893
1,60	250	400	1781	26,50	906	18,68	594	13,33	—	—	—	—	—	331	382	433	484	545	605	666
1,60	265	425	1781	27,72	906	20,10	594	14,39	—	—	—	—	—	—	349	400	451	512	573	633
1,61	112	180	1770	7,04	901	4,60	590	3,39	394	429	470	520	570	620	670	720	770	830	890	950
Arc—Length Correction Factor									**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,93**	**0,93**	**0,94**	**0,95**
1,61	118	190	1770	8,07	901	5,19	590	3,80	382	417	457	507	557	607	657	707	757	817	877	938
1,61	132	212	1770	10,43	901	6,55	590	4,75	353	388	428	478	528	579	629	679	729	789	849	909
1,61	280	450	1770	—	901	21,48	590	15,43	—	—	—	—	—	—	—	367	418	479	540	601
1,65	170	280	1727	16,41	879	10,52	576	7,46	266	302	342	393	443	494	544	594	644	705	765	825
1,66	160	265	1717	14,78	873	9,44	572	6,70	287	322	363	413	463	514	564	614	664	724	785	845
Arc—Length Correction Factor									**0,8**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,88**	**0,89**	**0,9**	**0,92**	**0,93**	**0,94**
1,66	190	315	1717	19,44	873	12,65	572	8,96	—	256	297	348	399	449	500	550	600	661	721	781
1,67	150	250	1707	13,35	868	8,28	569	5,95	307	342	383	433	483	534	584	634	684	744	804	865
1,67	180	300	1707	17,96	868	11,59	569	8,21	241	277	318	368	419	469	520	570	620	681	741	801
1,67	212	355	1707	22,41	868	14,93	569	10,59	—	—	—	296	348	398	449	500	550	611	671	731
1,67	224	375	1707	23,85	868	16,13	569	11,46	—	—	—	—	321	372	423	474	524	585	645	706
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,85**	**0,86**	**0,88**	**0,89**	**0,9**	**0,9**	**0,93**	**0,94**
1,68	200	335	1696	20,84	863	13,69	565	9,70	—	—	272	323	374	425	475	526	576	636	697	757
1,69	118	200	1686	8,07	858	5,19	562	3,80	373	408	448	499	549	599	649	699	749	809	869	929
1,69	140	236	1686	11,74	858	7,32	562	5,28	326	362	402	452	503	553	603	653	703	763	823	884
1,69	236	400	1686	25,15	858	17,32	562	12,33	—	—	—	—	—	341	392	443	494	555	615	676
1,70	112	190	1676	7,04	853	4,60	559	3,39	386	421	461	511	562	612	662	712	762	822	882	942
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,87**	**0,88**	**0,89**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,95**
1,70	125	212	1676	9,26	853	5,87	559	4,28	358	393	433	483	534	584	634	684	734	794	854	914
1,70	132	224	1676	10,43	853	6,55	559	4,75	342	378	418	468	518	569	619	669	719	779	839	899
1,70	250	425	1676	26,50	853	18,68	559	13,33	—	—	—	—	—	—	359	411	462	523	584	644
1,70	265	450	1676	27,72	853	20,10	559	14,39	—	—	—	—	—	—	—	377	429	490	551	612
1,70	280	475	1676	—	853	21,48	559	15,43	—	—	—	—	—	—	—	—	395	457	518	579
Arc—Length Correction Factor									**0,8**	**0,83**	**0,84**	**0,84**	**0,86**	**0,87**	**0,88**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,75	160	280	1629	14,78	829	9,44	543	6,70	273	309	349	400	451	501	551	602	652	712	772	832
1,75	180	315	1629	17,96	829	11,59	543	8,21	—	263	304	355	406	456	507	557	608	668	728	789
1,76	170	300	1619	16,41	824	10,52	540	7,46	248	284	325	375	426	477	527	577	628	688	748	808
1,76	190	335	1619	19,44	824	12,65	540	8,96	—	—	278	330	381	432	482	533	583	644	704	764
1,77	150	265	1610	13,35	819	8,28	537	5,95	294	329	370	420	471	521	571	622	672	732	792	852
Arc—Length Correction Factor									**0,80**	**0,83**	**0,84**	**0,84**	**0,84**	**0,85**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
1,77	212	375	1610	22,41	819	14,93	537	10,59	—	—	—	—	329	380	432	482	533	594	654	715
1,78	200	355	1601	20,84	815	13,69	534	9,70	—	—	—	304	356	407	458	508	559	619	680	740
1,79	112	200	1592	7,04	810	4,60	531	3,39	378	413	453	503	553	603	654	704	754	814	874	934
1,79	125	224	1592	9,26	810	5,87	531	4,28	348	383	423	473	524	574	624	674	724	784	845	905
1,79	132	236	1592	10,43	810	6,55	531	4,75	332	367	408	458	508	559	609	659	709	769	829	890
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,79	140	250	1592	11,74	810	7,32	531	5,28	314	350	390	440	491	541	591	641	692	752	812	872
1,79	224	400	1592	23,85	810	16,13	531	11,46	—	—	—	—	—	349	400	452	502	563	624	685
1,79	265	475	1592	27,72	810	20,10	531	14,39	—	—	—	—	—	—	—	—	406	467	529	590
1,79	280	500	1592	—	810	21,48	531	15,43	—	—	—	—	—	—	—	—	—	434	495	557

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
887	963	1038	1138	1213	1313	1413	1513	1638	1763	1888	2013	2138	2288	2438	2638	2788	2988	3189	3389	3639	1,56
946	1021	1096	1196	1271	1371	1471	1571	1696	1821	1947	2072	2197	2347	2497	2697	2847	3047	3247	3447	3697	1,57
0,95	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
864	939	1014	1114	1189	1289	1389	1489	1614	1739	1865	1990	2115	2265	2415	2615	2765	2965	3165	3365	3615	1,58
844	919	994	1094	1169	1269	1370	1470	1595	1720	1845	1970	2095	2245	2395	2595	2745	2945	3145	3345	3595	1,58
818	893	969	1069	1144	1244	1344	1444	1569	1694	1820	1945	2070	2220	2370	2570	2720	2920	3120	3320	3570	1,58
793	868	943	1043	1119	1219	1319	1419	1544	1669	1794	1919	2044	2195	2345	2545	2695	2895	3095	3295	3545	1,58
767	842	918	1018	1093	1193	1293	1394	1519	1644	1769	1894	2019	2169	2319	2519	2669	2870	3070	3270	3520	1,59
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
994	1069	1144	1244	1319	1419	1519	1619	1744	1869	1995	2120	2245	2395	2545	2745	2895	3095	3295	3495	3745	1,60
963	1038	1113	1214	1289	1389	1489	1589	1714	1839	1964	2089	2214	2364	2514	2714	2864	3064	3264	3464	3714	1,60
736	811	887	987	1062	1162	1263	1363	1488	1613	1738	1863	1988	2138	2289	2489	2639	2839	3039	3239	3489	1,60
704	779	855	955	1030	1131	1231	1331	1456	1581	1706	1832	1957	2107	2257	2457	2607	2807	3007	3207	3457	1,60
1020	1095	1170	1270	1345	1445	1545	1645	1770	1895	2020	2146	2271	2421	2571	2771	2921	3121	3321	3521	3771	1,61
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
1008	1083	1158	1258	1333	1433	1533	1633	1758	1883	2008	2133	2258	2408	2558	2758	2908	3108	3308	3508	3758	1,61
979	1054	1129	1229	1304	1404	1504	1604	1729	1855	1980	2105	2230	2380	2530	2730	2880	3080	3280	3480	3730	1,61
672	747	823	923	998	1099	1199	1299	1424	1550	1675	1800	1925	2075	2225	2425	2576	2776	2976	3176	3426	1,61
895	970	1045	1145	1221	1321	1421	1521	1646	1771	1896	2021	2146	2296	2446	2646	2796	2996	3196	3396	3646	1,65
915	990	1065	1165	1240	1340	1440	1540	1666	1791	1916	2041	2166	2316	2466	2666	2816	3016	3216	3416	3666	1,66
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
851	926	1002	1102	1177	1277	1377	1477	1602	1727	1853	1978	2103	2253	2403	2603	2753	2953	3153	3353	3603	1,66
935	1010	1085	1185	1260	1360	1460	1560	1685	1810	1935	2060	2185	2335	2485	2686	2836	3036	3236	3436	3686	1,67
871	946	1021	1122	1197	1297	1397	1497	1622	1747	1872	1997	2122	2272	2422	2623	2773	2973	3173	3373	3623	1,67
802	877	952	1052	1128	1228	1328	1428	1553	1678	1803	1929	2054	2204	2354	2554	2704	2904	3104	3304	3554	1,67
776	851	927	1027	1102	1202	1303	1403	1528	1653	1778	1903	2028	2178	2329	2529	2679	2879	3079	3279	3529	1,67
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
827	903	978	1078	1153	1253	1353	1453	1579	1704	1829	1954	2079	2229	2379	2579	2729	2929	3129	3329	3579	1,68
1000	1075	1150	1250	1325	1425	1525	1625	1750	1875	2000	2125	2250	2400	2550	2750	2900	3100	3300	3500	3750	1,69
954	1029	1104	1204	1279	1379	1479	1579	1704	1829	1954	2079	2204	2354	2504	2704	2854	3054	3254	3455	3705	1,69
746	822	897	997	1073	1173	1273	1373	1498	1624	1749	1874	1999	2149	2299	2499	2649	2850	3050	3250	3500	1,69
1012	1087	1162	1262	1337	1437	1537	1637	1762	1888	2013	2138	2263	2413	2563	2763	2913	3113	3313	3513	3763	1,70
0,96	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
984	1060	1135	1235	1310	1410	1510	1610	1735	1860	1985	2110	2235	2385	2535	2735	2885	3085	3285	3485	3735	1,70
969	1045	1120	1220	1295	1395	1495	1595	1720	1845	1970	2095	2220	2370	2520	2720	2870	3070	3270	3470	3720	1,70
715	790	866	966	1041	1142	1242	1342	1468	1593	1718	1843	1968	2118	2268	2469	2619	2819	3019	3219	3469	1,70
682	758	834	934	1009	1110	1210	1310	1436	1561	1686	1811	1937	2087	2237	2437	2587	2787	2987	3187	3437	1,70
650	726	801	902	977	1078	1178	1279	1404	1529	1654	1780	1905	2055	2205	2405	2555	2756	2956	3156	3406	1,70
0,95	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
903	978	1053	1153	1228	1328	1428	1528	1654	1779	1904	2029	2154	2304	2454	2654	2804	3004	3204	3404	3654	1,75
859	934	1009	1109	1185	1285	1385	1485	1610	1735	1860	1985	2110	2260	2410	2611	2761	2961	3161	3361	3611	1,75
879	954	1029	1129	1204	1304	1405	1505	1630	1755	1880	2005	2130	2280	2430	2630	2780	2980	3180	3380	3630	1,76
835	910	985	1085	1161	1261	1361	1461	1586	1711	1836	1962	2087	2237	2387	2587	2737	2937	3137	3337	3587	1,76
922	998	1073	1173	1248	1348	1448	1548	1673	1798	1923	2048	2173	2324	2474	2674	2824	3024	3224	3424	3674	1,77
0,93	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
785	860	936	1036	1111	1211	1312	1412	1537	1662	1787	1912	2038	2188	2338	2538	2688	2888	3088	3288	3538	1,77
811	886	961	1061	1137	1237	1337	1437	1562	1688	1813	1938	2063	2213	2363	2563	2713	2913	3113	3313	3563	1,78
1004	1079	1154	1254	1329	1429	1529	1629	1755	1880	2005	2130	2255	2405	2555	2755	2905	3105	3305	3505	3755	1,79
975	1050	1125	1225	1300	1400	1500	1600	1725	1850	1975	2100	2225	2376	2526	2726	2876	3076	3276	3476	3726	1,79
960	1035	1110	1210	1285	1385	1485	1585	1710	1835	1960	2085	2211	2361	2511	2711	2861	3061	3261	3461	3711	1,79
0,95	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
942	1017	1092	1193	1268	1368	1468	1568	1693	1818	1943	2068	2193	2343	2493	2693	2843	3043	3243	3443	3693	1,79
755	830	906	1006	1082	1182	1282	1382	1508	1633	1758	1883	2008	2158	2308	2509	2659	2859	3059	3259	3509	1,79
661	737	812	913	989	1089	1189	1290	1415	1541	1666	1791	1916	2066	2217	2417	2567	2767	2967	3167	3417	1,79
628	704	780	881	956	1057	1157	1258	1383	1509	1634	1759	1884	2035	2185	2385	2535	2735	2936	3136	3386	1,79

SPB Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,80	118	212	1583	8,07	806	5,19	528	3,80	363	398	438	489	539	589	639	689	739	800	860	920
Arc—Length Correction Factor									**0,77**	**0,77**	**0,79**	**0,82**	**0,84**	**0,85**	**0,85**	**0,86**	**0,87**	**0,89**	**0,9**	**0,92**
1,80	236	425	1583	25,15	806	17,32	528	12,33	—	—	—	—	—	—	369	420	472	533	594	654
1,80	250	450	1583	26,50	806	18,68	528	13,33	—	—	—	—	—	—	—	388	439	501	562	622
1,85	170	315	1541	16,41	784	10,52	514	7,46	—	270	311	362	413	464	514	565	615	675	736	796
1,86	180	335	1532	17,96	780	11,59	511	8,21	—	—	285	337	388	439	490	540	591	651	712	772
1,87	150	280	1524	13,35	775	8,28	508	5,95	280	316	357	407	458	508	559	609	659	720	780	840
Arc—Length Correction Factor									**0,77**	**0,8**	**0,82**	**0,82**	**0,84**	**0,86**	**0,87**	**0,88**	**0,9**	**0,9**	**0,91**	**0,92**
1,87	190	355	1524	19,44	775	12,65	508	8,96	—	—	—	311	363	414	465	516	566	627	687	748
1,88	160	300	1516	14,78	771	9,44	505	6,70	254	290	332	382	433	484	534	585	635	695	756	816
1,88	200	375	1516	20,84	771	13,69	505	9,70	—	—	—	—	337	389	440	491	542	602	663	723
1,89	112	212	1508	7,04	767	4,60	503	3,39	367	403	443	493	543	594	644	694	744	804	864	924
1,89	125	236	1508	9,26	767	5,87	503	4,28	337	372	413	463	514	564	614	664	714	775	835	895
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,89	132	250	1508	10,43	767	6,55	503	4,75	320	355	396	446	497	547	597	647	698	758	818	878
1,89	140	265	1508	11,74	767	7,32	503	5,28	301	336	377	428	478	528	579	629	679	739	800	860
1,89	212	400	1508	22,41	767	14,93	503	10,59	—	—	—	—	—	357	409	460	511	572	633	693
1,89	265	500	1508	27,72	767	20,10	503	14,39	—	—	—	—	—	—	—	—	—	444	506	567
1,89	280	530	1508	—	767	21,48	503	15,43	—	—	—	—	—	—	—	—	—	—	467	529
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,89**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
1,90	118	224	1500	8,07	763	5,19	500	3,80	353	388	428	479	529	579	629	679	730	790	850	910
1,90	224	425	1500	23,85	763	16,13	500	11,46	—	—	—	—	—	325	377	429	480	541	602	663
1,90	250	475	1500	26,50	763	18,68	500	13,33	—	—	—	—	—	—	—	363	416	478	539	600
1,91	236	450	1492	25,15	759	17,32	497	12,33	—	—	—	—	—	—	345	397	449	510	571	632
1,97	160	315	1447	14,97	736	9,54	482	6,76	240	276	318	369	420	471	521	572	622	683	743	803
Arc—Length Correction Factor									**0,8**	**0,81**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,9**	**0,9**	**0,91**	**0,92**
1,97	170	335	1447	16,60	736	10,62	482	7,52	—	—	292	344	395	446	497	547	598	658	719	779
1,97	180	355	1447	18,15	736	11,69	482	8,27	—	—	—	318	370	421	472	523	573	634	695	755
1,97	190	375	1447	19,63	736	12,75	482	9,02	—	—	—	292	344	396	447	498	549	609	670	731
2,00	112	224	1425	7,23	725	4,70	475	3,45	357	392	433	483	533	584	634	684	734	794	854	915
2,00	118	236	1425	8,26	725	5,29	475	3,86	342	377	418	468	519	569	619	670	720	780	840	900
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
2,00	125	250	1425	9,45	725	5,97	475	4,34	325	360	401	451	502	552	602	653	703	763	823	883
2,00	140	280	1425	11,93	725	7,42	475	5,34	287	323	364	414	465	516	566	616	667	727	787	847
2,00	150	300	1425	13,54	725	8,38	475	6,01	261	297	338	390	440	491	542	592	642	703	763	823
2,00	200	400	1425	21,03	725	13,79	475	9,76	—	—	—	—	313	365	417	468	519	580	641	702
2,00	212	425	1425	22,60	725	15,03	475	10,65	—	—	—	—	—	333	385	437	488	550	611	672
Arc—Length Correction Factor									**0,74**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	**0,86**	**0,86**	**0,87**	**0,87**	**0,88**	**0,89**
2,00	250	500	1425	26,69	725	18,78	475	13,39	—	—	—	—	—	—	—	—	391	454	516	578
2,00	265	530	1425	27,91	725	20,20	475	14,45	—	—	—	—	—	—	—	—	—	415	478	540
2,00	280	560	1425	—	725	21,58	475	15,49	—	—	—	—	—	—	—	—	—	—	438	501
2,01	132	265	1418	10,62	721	6,65	473	4,81	306	342	383	433	484	534	585	635	685	745	806	866
2,01	224	450	1418	24,04	721	16,23	473	11,52	—	—	—	—	—	—	353	405	457	519	580	641
Arc—Length Correction Factor									**0,72**	**0,75**	**0,77**	**0,8**	**0,83**	**0,84**	**0,85**	**0,86**	**0,86**	**0,87**	**0,88**	**0,91**
2,01	236	475	1418	25,34	721	17,42	473	12,39	—	—	—	—	—	—	—	373	425	487	549	610
2,08	180	375	1370	18,15	697	11,69	457	8,27	—	—	—	298	351	403	454	505	556	617	677	738
2,09	160	335	1364	14,97	694	9,54	455	6,76	—	257	299	351	402	453	504	555	605	666	726	787
2,09	170	355	1364	16,60	694	10,62	455	7,52	—	—	272	325	377	428	479	530	581	641	702	762
2,10	150	315	1357	13,54	690	8,38	452	6,01	246	283	324	376	427	478	529	579	630	690	750	811
Arc—Length Correction Factor									**0,82**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,9**	**0,91**	**0,92**	**0,92**	**0,93**	**0,94**
2,11	112	236	1351	7,23	687	4,70	450	3,45	346	382	422	473	523	573	624	674	724	784	845	905
2,11	190	400	1351	19,63	687	12,75	450	9,02	—	—	—	—	320	372	424	475	526	587	648	709
2,11	265	560	1351	27,91	687	20,20	450	14,45	—	—	—	—	—	—	—	—	—	—	448	511
2,12	118	250	1344	8,26	684	5,29	448	3,86	330	365	406	456	507	557	608	658	708	768	828	889
2,12	125	265	1344	9,45	684	5,97	448	4,34	311	347	388	438	489	539	590	640	690	751	811	871

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,95	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
990	1065	1140	1240	1315	1415	1515	1615	1740	1865	1990	2115	2240	2390	2541	2741	2891	3091	3291	3491	3741	1,80
0,93	**0,94**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
725	801	876	977	1052	1152	1253	1353	1478	1603	1729	1854	1979	2129	2279	2479	2629	2830	3030	3230	3480	1,80
693	769	845	945	1021	1121	1221	1322	1447	1572	1698	1823	1948	2098	2248	2448	2599	2799	2999	3199	3449	1,80
866	941	1017	1117	1192	1292	1392	1493	1618	1743	1868	1993	2118	2268	2418	2618	2768	2968	3168	3368	3619	1,85
842	917	993	1093	1168	1268	1369	1469	1594	1719	1844	1969	2094	2244	2394	2595	2745	2945	3145	3345	3595	1,86
910	985	1060	1161	1236	1336	1436	1536	1661	1786	1911	2036	2161	2312	2462	2662	2812	3012	3212	3412	3662	1,87
0,93	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
818	893	969	1069	1144	1244	1345	1445	1570	1695	1820	1945	2071	2221	2371	2571	2721	2921	3121	3321	3571	1,87
886	961	1037	1137	1212	1312	1412	1512	1637	1763	1888	2013	2138	2288	2438	2638	2788	2988	3188	3388	3638	1,88
794	869	945	1045	1120	1220	1321	1421	1546	1671	1796	1922	2047	2197	2347	2547	2697	2897	3097	3297	3548	1,88
994	1069	1145	1245	1320	1420	1520	1620	1745	1870	1995	2120	2245	2395	2545	2745	2895	3095	3295	3495	3745	1,89
965	1040	1115	1215	1290	1391	1491	1591	1716	1841	1966	2091	2216	2366	2516	2716	2866	3066	3266	3466	3716	1,89
0,95	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
948	1023	1099	1199	1274	1374	1474	1574	1699	1824	1949	2074	2199	2349	2499	2699	2850	3050	3250	3450	3700	1,89
930	1005	1080	1180	1256	1356	1456	1556	1681	1806	1931	2056	2181	2331	2481	2681	2831	3031	3231	3432	3682	1,89
764	839	915	1015	1091	1191	1291	1391	1517	1642	1767	1892	2017	2168	2318	2518	2668	2868	3068	3268	3518	1,89
639	715	791	892	967	1068	1169	1269	1395	1520	1645	1771	1896	2046	2196	2397	2547	2747	2947	3147	3397	1,89
601	678	754	855	931	1032	1132	1233	1358	1484	1609	1735	1860	2010	2161	2361	2511	2711	2911	3112	3362	1,89
0,95	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
980	1055	1130	1230	1305	1406	1506	1606	1731	1856	1981	2106	2231	2381	2531	2731	2881	3081	3281	3481	3731	1,90
734	809	885	985	1061	1161	1262	1362	1487	1612	1738	1863	1988	2138	2288	2489	2639	2839	3039	3239	3489	1,90
671	747	823	924	1000	1100	1201	1301	1426	1552	1677	1802	1928	2078	2228	2428	2578	2779	2979	3179	3429	1,90
703	779	855	955	1031	1131	1232	1332	1458	1583	1708	1833	1959	2109	2259	2459	2609	2809	3010	3210	3460	1,91
874	949	1024	1124	1200	1300	1400	1500	1625	1750	1876	2001	2126	2276	2426	2626	2776	2976	3176	3376	3626	1,97
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
850	925	1000	1100	1176	1276	1376	1476	1601	1727	1852	1977	2102	2252	2402	2602	2752	2952	3152	3353	3603	1,97
825	901	976	1076	1152	1252	1352	1452	1578	1703	1828	1953	2078	2228	2378	2579	2729	2929	3129	3329	3579	1,97
801	877	952	1052	1128	1228	1328	1428	1554	1679	1804	1929	2054	2205	2355	2555	2705	2905	3105	3305	3555	1,97
985	1060	1135	1235	1310	1410	1510	1610	1735	1860	1985	2110	2236	2386	2536	2736	2886	3086	3286	3486	3736	2,00
970	1045	1121	1221	1296	1396	1496	1596	1721	1846	1971	2096	2221	2371	2521	2721	2872	3072	3272	3472	3722	2,00
0,95	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
954	1029	1104	1204	1279	1379	1479	1579	1704	1830	1955	2080	2205	2355	2505	2705	2855	3055	3255	3455	3705	2,00
918	993	1068	1168	1243	1343	1444	1544	1669	1794	1919	2044	2169	2319	2469	2669	2819	3019	3220	3420	3670	2,00
894	969	1044	1144	1219	1320	1420	1520	1645	1770	1895	2020	2145	2296	2446	2646	2796	2996	3196	3396	3646	2,00
773	848	924	1024	1099	1200	1300	1400	1526	1651	1776	1901	2027	2177	2327	2527	2677	2877	3077	3277	3528	2,00
742	818	894	994	1070	1170	1270	1371	1496	1621	1747	1872	1997	2147	2297	2498	2648	2848	3048	3248	3498	2,00
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
649	725	802	903	978	1079	1180	1280	1406	1531	1657	1782	1907	2057	2208	2408	2558	2758	2959	3159	3409	2,00
612	688	764	866	942	1043	1143	1244	1370	1495	1621	1746	1871	2022	2172	2372	2522	2723	2923	3123	3373	2,00
574	651	727	829	905	1006	1107	1207	1333	1459	1584	1710	1835	1986	2136	2336	2487	2687	2887	3087	3338	2,00
936	1011	1086	1186	1262	1362	1462	1562	1687	1812	1937	2062	2187	2337	2487	2688	2838	3038	3238	3438	3688	2,01
712	788	864	964	1040	1140	1241	1341	1467	1592	1717	1842	1968	2118	2268	2468	2618	2819	3019	3219	3469	2,01
0,92	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
681	757	833	934	1010	1110	1211	1311	1437	1562	1688	1813	1938	2088	2239	2439	2589	2789	2989	3190	3440	2,01
808	884	959	1060	1135	1235	1336	1436	1561	1687	1812	1937	2062	2212	2362	2562	2713	2913	3113	3313	3563	2,08
857	932	1008	1108	1183	1283	1384	1484	1609	1734	1859	1984	2110	2260	2410	2610	2760	2960	3160	3360	3610	2,09
833	908	984	1084	1159	1259	1360	1460	1585	1710	1836	1961	2086	2236	2386	2586	2736	2936	3137	3337	3587	2,09
881	956	1032	1132	1207	1307	1408	1508	1633	1758	1883	2008	2133	2283	2434	2634	2784	2984	3184	3384	3634	2,10
0,95	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
975	1050	1125	1225	1300	1400	1501	1601	1726	1851	1976	2101	2226	2376	2526	2726	2876	3076	3276	3476	3726	2,11
780	855	931	1032	1107	1207	1308	1408	1533	1659	1784	1909	2034	2184	2334	2535	2685	2885	3085	3285	3535	2,11
584	661	738	839	915	1017	1118	1218	1344	1470	1596	1721	1846	1997	2147	2348	2498	2698	2899	3099	3349	2,11
959	1034	1109	1209	1284	1385	1485	1585	1710	1835	1960	2085	2210	2360	2510	2710	2860	3060	3260	3460	3711	2,12
941	1016	1092	1192	1267	1367	1467	1567	1692	1818	1943	2068	2193	2343	2493	2693	2843	3043	3243	3443	3693	2,12

SPB Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,79**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,88**	**0,89**	**0,9**	**0,9**	**0,93**	**0,94**
2,12	132	280	1344	10,62	684	6,65	448	4,81	292	328	369	420	471	521	572	622	673	733	793	853
2,12	212	450	1344	22,60	684	15,03	448	10,65	—	—	—	—	—	—	361	413	465	527	588	649
2,12	224	475	1344	24,04	684	16,23	448	11,52	—	—	—	—	—	—	—	381	433	495	557	619
2,12	236	500	1344	25,34	684	17,42	448	12,39	—	—	—	—	—	—	—	—	400	463	526	587
2,12	250	530	1344	26,69	684	18,78	448	13,39	—	—	—	—	—	—	—	—	—	425	488	550
Arc—Length Correction Factor									**0,74**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	**0,85**	**0,86**	**0,87**	**0,87**	**0,9**	**0,91**
2,13	200	425	1338	21,03	681	13,79	446	9,76	—	—	—	—	—	341	393	445	497	558	619	680
2,14	140	300	1332	11,93	678	7,42	444	5,34	268	304	345	397	447	498	549	599	650	710	770	831
2,21	170	375	1290	16,60	656	10,62	430	7,52	—	—	—	305	357	409	461	512	563	624	685	745
2,22	160	355	1284	14,97	653	9,54	428	6,76	—	—	279	331	383	435	486	537	588	648	709	770
2,22	180	400	1284	18,15	653	11,69	428	8,27	—	—	—	—	326	379	431	482	533	595	655	716
Arc—Length Correction Factor									**0,8**	**0,83**	**0,84**	**0,85**	**0,86**	**0,87**	**0,88**	**0,89**	**0,92**	**0,92**	**0,93**	**0,94**
2,23	112	250	1278	7,23	650	4,70	426	3,45	334	369	410	461	511	562	612	662	712	773	833	893
2,23	150	335	1278	13,54	650	8,38	426	6,01	—	263	305	357	409	460	511	562	612	673	733	794
2,23	224	500	1278	24,04	650	16,23	426	11,52	—	—	—	—	—	—	—	—	408	471	534	596
2,24	125	280	1272	9,45	647	5,97	424	4,34	297	333	374	425	476	526	577	627	678	738	798	859
2,24	190	425	1272	19,63	647	12,75	424	9,02	—	—	—	—	—	347	400	452	504	565	626	687
Arc—Length Correction Factor									**0,74**	**0,77**	**0,79**	**0,82**	**0,83**	**0,84**	**0,85**	**0,85**	**0,86**	**0,86**	**0,88**	**0,89**
2,24	212	475	1272	22,60	647	15,03	424	10,65	—	—	—	—	—	—	—	388	441	504	565	627
2,24	250	560	1272	26,69	647	18,78	424	13,39	—	—	—	—	—	—	—	—	—	—	458	521
2,25	280	630	1267	—	644	21,58	422	15,49	—	—	—	—	—	—	—	—	—	—	—	—
2,25	118	265	1267	8,26	644	5,29	422	3,86	316	352	392	443	494	544	595	645	695	756	816	876
2,25	140	315	1267	11,93	644	7,42	422	5,34	253	290	331	383	434	485	536	586	637	697	758	818
Arc—Length Correction Factor									**0,72**	**0,75**	**0,77**	**0,8**	**0,83**	**0,85**	**0,85**	**0,86**	**0,86**	**0,87**	**0,88**	**0,91**
2,25	200	450	1267	21,03	644	13,79	422	9,76	—	—	—	—	—	—	369	421	473	535	597	658
2,25	236	530	1267	25,34	644	17,42	422	12,39	—	—	—	—	—	—	—	—	—	434	497	559
2,27	132	300	1256	10,62	639	6,65	419	4,81	273	309	351	402	453	504	555	605	655	716	776	837
2,34	160	375	1218	14,97	620	9,54	406	6,76	—	—	—	311	364	416	468	519	570	631	692	752
2,35	170	400	1213	16,60	617	10,62	404	7,52	—	—	—	—	333	385	437	489	540	602	663	723
Arc—Length Correction Factor									**0,76**	**0,78**	**0,79**	**0,82**	**0,84**	**0,85**	**0,86**	**0,86**	**0,87**	**0,87**	**0,9**	**0,91**
2,36	180	425	1208	18,15	614	11,69	403	8,27	—	—	—	—	—	354	407	459	510	572	633	694
2,36	212	500	1208	22,60	614	15,03	403	10,65	—	—	—	—	—	—	—	362	416	479	542	604
2,37	112	265	1203	7,23	612	4,70	401	3,45	320	356	397	448	498	549	599	650	700	760	820	881
2,37	118	280	1203	8,26	612	5,29	401	3,86	302	338	379	430	481	531	582	632	683	743	803	864
2,37	150	355	1203	13,54	612	8,38	401	6,01	—	—	285	338	390	442	493	544	595	656	716	777
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,78**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,91**
2,37	190	450	1203	19,63	612	12,75	401	9,02	—	—	—	—	—	321	375	428	480	542	604	665
2,37	224	530	1203	24,04	612	16,23	401	11,52	—	—	—	—	—	—	—	—	—	442	505	567
2,37	236	560	1203	25,34	612	17,42	401	12,39	—	—	—	—	—	—	—	—	—	403	467	530
2,38	265	630	1197	27,91	609	20,20	399	14,45	—	—	—	—	—	—	—	—	—	—	—	—
2,38	200	475	1197	21,03	609	13,79	399	9,76	—	—	—	—	—	—	343	396	449	512	574	635
Arc—Length Correction Factor									**0,76**	**0,78**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,9**	**0,9**	**0,91**	**0,92**
2,39	132	315	1192	10,62	607	6,65	397	4,81	258	295	337	388	440	491	541	592	643	703	764	824
2,39	140	335	1192	11,93	607	7,42	397	5,34	—	269	312	364	416	467	518	569	619	680	741	801
2,40	125	300	1188	9,45	604	5,97	396	4,34	278	314	356	407	458	509	560	610	661	721	781	842
2,50	112	280	1140	7,23	580	4,70	380	3,45	306	342	383	434	485	536	586	637	687	748	808	868
2,50	150	375	1140	13,54	580	8,38	380	6,01	—	—	264	318	371	423	475	526	577	638	699	760
Arc—Length Correction Factor									**—**	**—**	**—**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,89**	**0,9**	**0,91**
2,50	160	400	1140	14,97	580	9,54	380	6,76	—	—	—	285	339	392	444	496	547	609	670	731
2,50	170	425	1140	16,60	580	10,62	380	7,52	—	—	—	—	306	360	413	465	517	579	640	701
2,50	180	450	1140	18,15	580	11,69	380	8,27	—	—	—	—	—	328	382	434	487	549	611	672
2,50	190	475	1140	19,63	580	12,75	380	9,02	—	—	—	—	—	—	349	403	456	518	580	642
2,50	200	500	1140	21,03	580	13,79	380	9,76	—	—	—	—	—	—	—	370	424	487	550	612
Arc—Length Correction Factor									**0,65**	**0,71**	**0,74**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,87**	**0,88**	**0,88**
2,50	212	530	1140	22,60	580	15,03	380	10,65	—	—	—	—	—	—	—	—	385	449	513	576

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																						Speed Ratio
Belt Length Designation																						
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000		
0,95	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
721	796	872	973	1049	1149	1250	1350	1476	1601	1726	1852	1977	2127	2277	2477	2628	2828	3028	3228	3478	2,12	
690	766	842	943	1019	1119	1220	1320	1446	1571	1697	1822	1947	2098	2248	2448	2598	2798	2999	3199	3449	2,12	
659	735	812	913	988	1089	1190	1290	1416	1542	1667	1792	1918	2068	2218	2419	2569	2769	2969	3169	3420	2,12	
622	699	775	877	952	1053	1154	1255	1381	1506	1632	1757	1882	2033	2183	2384	2534	2734	2934	3135	3385	2,12	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
751	827	902	1003	1079	1179	1279	1380	1505	1630	1756	1881	2006	2156	2307	2507	2657	2857	3057	3257	3508	2,13	
901	976	1052	1152	1227	1327	1427	1528	1653	1778	1903	2028	2153	2303	2453	2653	2803	3004	3204	3404	3654	2,14	
816	891	967	1067	1143	1243	1343	1444	1569	1694	1819	1944	2070	2220	2370	2570	2720	2920	3120	3321	3571	2,21	
840	916	991	1091	1167	1267	1367	1467	1593	1718	1843	1968	2093	2244	2394	2594	2744	2944	3144	3344	3594	2,22	
787	863	938	1039	1114	1215	1315	1415	1541	1666	1791	1917	2042	2192	2342	2542	2692	2893	3093	3293	3543	2,22	
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
963	1039	1114	1214	1289	1389	1489	1589	1714	1840	1965	2090	2215	2365	2515	2715	2865	3065	3265	3465	3715	2,23	
864	940	1015	1115	1191	1291	1391	1491	1617	1742	1867	1992	2117	2267	2418	2618	2768	2968	3168	3368	3618	2,23	
667	744	820	921	997	1098	1199	1299	1425	1551	1676	1801	1927	2077	2227	2428	2578	2778	2978	3179	3429	2,23	
929	1004	1079	1180	1255	1355	1455	1555	1680	1805	1931	2056	2181	2331	2481	2681	2831	3031	3231	3431	3681	2,24	
758	834	910	1010	1086	1186	1287	1387	1513	1638	1763	1889	2014	2164	2314	2514	2665	2865	3065	3265	3515	2,24	
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	**1,13**	**1,14**	**1,15**		
698	775	851	952	1027	1128	1229	1329	1455	1580	1706	1831	1956	2107	2257	2457	2607	2808	3008	3208	3458	2,24	
594	671	748	850	926	1027	1129	1229	1355	1481	1607	1732	1858	2008	2159	2359	2509	2710	2910	3110	3361	2,24	
505	584	663	766	842	944	1046	1147	1274	1400	1526	1651	1777	1928	2078	2279	2429	2630	2830	3031	3281	2,25	
946	1022	1097	1197	1272	1372	1473	1573	1698	1823	1948	2073	2198	2348	2498	2698	2848	3048	3249	3449	3699	2,25	
889	964	1039	1139	1215	1315	1415	1515	1640	1766	1891	2016	2141	2291	2441	2641	2791	2992	3192	3392	3642	2,25	
0,92	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
729	805	881	982	1057	1158	1259	1359	1484	1610	1735	1861	1986	2136	2286	2487	2637	2837	3037	3237	3488	2,25	
632	708	785	887	962	1064	1164	1265	1391	1517	1642	1768	1893	2043	2194	2394	2544	2745	2945	3145	3396	2,25	
907	982	1058	1158	1233	1333	1433	1534	1659	1784	1909	2034	2159	2309	2459	2660	2810	3010	3210	3410	3660	2,27	
823	899	974	1075	1150	1250	1351	1451	1576	1702	1827	1952	2077	2227	2378	2578	2728	2928	3128	3328	3578	2,34	
794	870	946	1046	1122	1222	1323	1423	1548	1674	1799	1924	2049	2200	2350	2550	2700	2900	3100	3301	3551	2,35	
0,92	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
765	841	917	1018	1093	1194	1294	1395	1520	1646	1771	1896	2021	2172	2322	2522	2672	2872	3073	3273	3523	2,36	
676	752	829	930	1006	1107	1207	1308	1434	1559	1685	1810	1936	2086	2236	2437	2587	2787	2988	3188	3438	2,36	
951	1026	1101	1202	1277	1377	1477	1577	1702	1827	1953	2078	2203	2353	2503	2703	2853	3053	3253	3453	3703	2,37	
934	1009	1085	1185	1260	1360	1460	1560	1686	1811	1936	2061	2186	2336	2486	2686	2836	3036	3237	3437	3687	2,37	
847	923	998	1099	1174	1274	1375	1475	1600	1726	1851	1976	2101	2251	2401	2602	2752	2952	3152	3352	3602	2,37	
0,92	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
736	812	888	989	1065	1165	1266	1366	1492	1617	1743	1868	1993	2144	2294	2494	2644	2845	3045	3245	3495	2,37	
640	717	793	895	971	1072	1173	1274	1400	1525	1651	1777	1902	2052	2203	2403	2554	2754	2954	3154	3405	2,37	
603	681	758	860	936	1037	1139	1240	1366	1491	1617	1743	1868	2019	2169	2370	2520	2720	2921	3121	3371	2,37	
515	594	673	776	853	955	1057	1158	1284	1411	1537	1662	1788	1939	2089	2290	2441	2641	2842	3042	3292	2,38	
707	783	859	960	1036	1137	1237	1338	1464	1589	1715	1840	1965	2116	2266	2466	2617	2817	3017	3217	3467	2,38	
0,93	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
894	970	1045	1145	1221	1321	1421	1521	1647	1772	1897	2022	2147	2297	2447	2648	2798	2998	3198	3398	3648	2,39	
872	947	1022	1123	1198	1298	1399	1499	1624	1749	1875	2000	2125	2275	2425	2625	2775	2976	3176	3376	3626	2,39	
912	987	1063	1163	1238	1339	1439	1539	1664	1789	1914	2039	2165	2315	2465	2665	2815	3015	3215	3415	3665	2,40	
939	1014	1089	1189	1264	1365	1465	1565	1690	1815	1940	2066	2191	2341	2491	2691	2841	3041	3241	3441	3691	2,50	
830	906	981	1082	1157	1258	1358	1459	1584	1709	1834	1960	2085	2235	2385	2585	2736	2936	3136	3336	3586	2,50	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
801	877	953	1054	1129	1230	1330	1430	1556	1681	1806	1932	2057	2207	2357	2558	2708	2908	3108	3308	3558	2,50	
772	848	924	1025	1101	1201	1302	1402	1528	1653	1778	1904	2029	2179	2329	2530	2680	2880	3080	3280	3531	2,50	
743	819	895	996	1072	1173	1273	1374	1499	1625	1750	1876	2001	2151	2301	2502	2652	2852	3052	3253	3503	2,50	
714	790	866	967	1043	1144	1245	1345	1471	1597	1722	1847	1973	2123	2274	2474	2624	2824	3025	3225	3475	2,50	
684	761	837	939	1014	1115	1216	1317	1443	1568	1694	1819	1945	2095	2245	2446	2596	2796	2997	3197	3447	2,50	
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
648	725	802	904	980	1081	1182	1283	1409	1534	1660	1785	1911	2061	2212	2412	2563	2763	2963	3164	3414	2,50	
611	689	766	868	945	1046	1147	1248	1374	1500	1626	1752	1877	2028	2178	2379	2529	2729	2930	3130	3380	2,50	

SPB

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**0,65**	**0,71**	**0,74**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,87**	**0,88**	**0,88**
2,50	224	560	1140	24,04	580	16,23	380	11,52	—	—	—	—	—	—	—	—	—	410	475	538
2,52	250	630	1131	26,69	575	18,78	377	13,39	—	—	—	—	—	—	—	—	—	—	—	449
2,52	125	315	1131	9,45	575	5,97	377	4,34	262	300	341	393	444	495	546	597	648	708	769	829
2,54	280	710	1122	—	571	21,58	374	15,49	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**0,77**	**0,8**	**0,81**	**0,83**	**0,85**	**0,86**	**0,87**	**0,89**	**0,90**	**0,90**	**0,91**	**0,92**
2,54	118	300	1122	8,26	571	5,29	374	3,86	282	319	360	412	463	514	565	615	666	726	787	847
2,54	132	335	1122	10,62	571	6,65	374	4,81	237	275	317	369	421	473	524	574	625	686	747	807
2,54	140	355	1122	11,93	571	7,42	374	5,34	—	248	292	345	397	449	500	551	602	663	723	784
2,63	190	500	1084	19,63	551	12,75	361	9,02	—	—	—	—	—	—	—	376	430	494	557	619
2,64	180	475	1080	18,15	549	11,69	360	8,27	—	—	—	—	—	—	355	409	462	525	587	649
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,71**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,89**
2,64	212	560	1080	22,60	549	15,03	360	10,65	—	—	—	—	—	—	—	—	—	418	483	546
2,65	170	450	1075	16,60	547	10,62	358	7,52	—	—	—	—	—	334	388	441	493	556	617	679
2,65	200	530	1075	21,03	547	13,79	358	9,76	—	—	—	—	—	—	—	—	392	457	521	584
2,66	160	425	1071	14,97	545	9,54	357	6,76	—	—	—	—	313	367	420	472	524	586	647	708
2,67	236	630	1067	25,34	543	17,42	356	12,39	—	—	—	—	—	—	—	—	—	—	—	458
Arc—Length Correction Factor									**0,76**	**0,78**	**0,81**	**0,83**	**0,84**	**0,86**	**0,87**	**0,88**	**0,89**	**0,90**	**0,91**	**0,92**
2,67	118	315	1067	8,26	543	5,29	356	3,86	267	304	346	398	449	500	551	602	653	713	774	834
2,67	150	400	1067	13,54	543	8,38	356	6,01	—	—	—	291	346	399	451	503	554	616	677	738
2,68	265	710	1063	27,91	541	20,20	354	14,45	—	—	—	—	—	—	—	—	—	—	—	—
2,68	112	300	1063	7,23	541	4,70	354	3,45	286	323	364	416	467	518	569	619	670	731	791	851
2,68	125	335	1063	9,45	541	5,97	354	4,34	241	279	322	374	426	477	528	579	630	691	752	812
Arc—Length Correction Factor									**—**	**0,73**	**0,76**	**0,78**	**0,81**	**0,84**	**0,86**	**0,86**	**0,87**	**0,89**	**0,90**	**0,91**
2,68	140	375	1063	11,93	541	7,42	354	5,34	—	—	270	324	377	430	481	533	584	645	706	767
2,69	132	355	1059	10,62	539	6,65	353	4,81	—	253	297	350	402	454	505	557	607	668	729	790
2,78	180	500	1025	18,15	522	11,69	342	8,27	—	—	—	—	—	—	—	383	437	501	563	626
2,79	170	475	1022	16,60	520	10,62	341	7,52	—	—	—	—	—	—	362	416	469	532	594	656
2,79	190	530	1022	19,63	520	12,75	341	9,02	—	—	—	—	—	—	—	—	399	464	527	590
Arc—Length Correction Factor									**0,62**	**0,69**	**0,71**	**0,77**	**0,79**	**0,8**	**0,83**	**0,86**	**0,86**	**0,86**	**0,88**	**0,89**
2,80	200	560	1018	21,03	518	13,79	339	9,76	—	—	—	—	—	—	—	—	—	425	490	554
2,81	224	630	1014	24,04	516	16,23	338	11,52	—	—	—	—	—	—	—	—	—	—	—	465
2,81	112	315	1014	7,23	516	4,70	338	3,45	271	308	350	402	453	505	556	606	657	718	778	839
2,81	160	450	1014	14,97	516	9,54	338	6,76	—	—	—	—	—	340	395	448	500	562	624	686
2,83	150	425	1007	13,54	512	8,38	336	6,01	—	—	—	—	319	373	426	479	531	593	654	715
Arc—Length Correction Factor									**0,55**	**0,56**	**0,61**	**0,68**	**0,73**	**0,77**	**0,79**	**0,82**	**0,83**	**0,85**	**0,86**	**0,88**
2,84	250	710	1004	26,69	511	18,78	335	13,39	—	—	—	—	—	—	—	—	—	—	—	—
2,84	118	335	1004	8,26	511	5,29	335	3,86	245	284	326	379	431	482	533	584	635	696	757	817
2,84	125	355	1004	9,45	511	5,97	335	4,34	—	258	301	355	407	459	510	561	612	673	734	795
2,84	132	375	1004	10,62	511	6,65	335	4,81	—	—	275	330	383	435	487	538	589	651	712	772
2,86	280	800	997	—	507	21,58	332	15,49	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,87**	**0,87**	**0,90**	**0,91**
2,86	140	400	997	11,93	507	7,42	332	5,34	—	—	—	298	352	405	458	510	561	623	684	745
2,94	170	500	969	16,60	493	10,62	323	7,52	—	—	—	—	—	—	—	389	443	507	570	633
2,94	180	530	969	18,15	493	11,69	323	8,27	—	—	—	—	—	—	—	—	405	470	534	597
2,95	190	560	966	19,63	492	12,75	322	9,02	—	—	—	—	—	—	—	—	—	432	497	561
2,97	212	630	960	22,60	488	15,03	320	10,65	—	—	—	—	—	—	—	—	—	—	—	473
Arc—Length Correction Factor									**0,65**	**0,71**	**0,74**	**0,77**	**0,79**	**0,82**	**0,85**	**0,86**	**0,86**	**0,87**	**0,87**	**0,89**
2,97	160	475	960	14,97	488	9,54	320	6,76	—	—	—	—	—	—	368	422	475	538	601	663
2,99	112	335	953	7,23	485	4,70	318	3,45	249	287	330	383	435	486	538	589	639	700	761	822
3,00	125	375	950	9,45	483	5,97	317	4,34	—	—	280	334	387	440	492	543	594	656	717	777
3,00	150	450	950	13,54	483	8,38	317	6,01	—	—	—	—	—	347	401	454	507	569	631	693
3,01	236	710	947	25,34	482	17,42	316	12,39	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**0,73**	**0,77**	**0,8**	**0,83**	**0,84**	**0,86**	**0,86**	**0,89**	**0,89**	**0,90**	**0,92**
3,01	118	355	947	8,26	482	5,29	316	3,86	—	262	306	359	412	464	515	566	617	678	739	800
3,02	265	800	944	27,91	480	20,20	315	14,45	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
611	689	766	868	945	1046	1147	1248	1374	1500	1626	1752	1877	2028	2178	2379	2529	2729	2930	3130	3380	2,50
525	604	683	786	863	966	1067	1169	1295	1422	1548	1673	1799	1950	2101	2301	2452	2652	2853	3053	3304	2,52
900	975	1050	1151	1226	1326	1426	1527	1652	1777	1902	2027	2153	2303	2453	2653	2803	3003	3203	3403	3653	2,52
—	502	583	689	768	871	974	1076	1204	1330	1457	1583	1709	1860	2011	2212	2363	2564	2764	2965	3216	2,54
0,95	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
917	993	1068	1168	1244	1344	1444	1544	1669	1795	1920	2045	2170	2320	2470	2670	2820	3020	3221	3421	3671	2,54
878	953	1028	1129	1204	1304	1405	1505	1630	1755	1881	2006	2131	2281	2431	2631	2782	2982	3182	3382	3632	2,54
855	930	1006	1106	1182	1282	1382	1483	1608	1733	1858	1984	2109	2259	2409	2609	2759	2959	3160	3360	3610	2,54
691	768	844	946	1022	1123	1224	1324	1450	1576	1701	1827	1952	2103	2253	2453	2604	2804	3004	3205	3455	2,63
721	797	873	975	1050	1151	1252	1353	1478	1604	1730	1855	1980	2131	2281	2481	2632	2832	3032	3232	3483	2,64
0,89	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
620	697	774	877	953	1055	1156	1257	1383	1509	1635	1760	1886	2037	2187	2388	2538	2738	2939	3139	3390	2,64
750	826	902	1004	1079	1180	1281	1381	1507	1632	1758	1883	2008	2159	2309	2509	2660	2860	3060	3260	3511	2,65
656	733	810	912	988	1089	1191	1291	1417	1543	1669	1794	1920	2070	2221	2421	2572	2772	2972	3173	3423	2,65
780	856	931	1032	1108	1209	1309	1410	1535	1660	1786	1911	2036	2187	2337	2537	2688	2888	3088	3288	3538	2,66
534	614	692	796	873	975	1077	1179	1305	1432	1558	1684	1809	1960	2111	2312	2462	2663	2863	3064	3314	2,67
0,93	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
905	980	1055	1156	1231	1331	1432	1532	1657	1782	1908	2033	2158	2308	2458	2658	2808	3008	3209	3409	3659	2,67
809	884	960	1061	1136	1237	1337	1438	1563	1689	1814	1939	2064	2215	2365	2565	2715	2916	3116	3316	3566	2,67
—	511	593	699	778	882	984	1087	1214	1341	1468	1594	1720	1871	2022	2223	2374	2575	2776	2976	3227	2,68
922	997	1072	1173	1248	1348	1449	1549	1674	1799	1924	2049	2175	2325	2475	2675	2825	3025	3225	3425	3675	2,68
883	958	1034	1134	1209	1310	1410	1510	1636	1761	1886	2011	2136	2286	2437	2637	2787	2987	3187	3387	3637	2,68
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
837	913	989	1089	1165	1265	1366	1466	1591	1717	1842	1967	2092	2243	2393	2593	2743	2943	3144	3344	3594	2,68
860	936	1012	1112	1187	1288	1388	1489	1614	1739	1864	1990	2115	2265	2415	2615	2765	2966	3166	3366	3616	2,69
698	775	851	953	1029	1130	1231	1332	1457	1583	1709	1834	1960	2110	2261	2461	2611	2812	3012	3212	3463	2,78
728	804	880	982	1058	1159	1259	1360	1486	1611	1737	1862	1988	2138	2289	2489	2639	2840	3040	3240	3490	2,79
663	740	817	919	995	1097	1198	1299	1425	1550	1676	1802	1927	2078	2228	2429	2579	2780	2980	3180	3431	2,79
0,89	**0,9**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
628	705	783	885	962	1063	1164	1266	1392	1518	1644	1769	1895	2045	2196	2397	2547	2748	2948	3148	3399	2,80
542	621	700	804	881	984	1086	1187	1314	1440	1566	1692	1818	1969	2120	2321	2471	2672	2872	3073	3323	2,81
909	985	1060	1160	1236	1336	1436	1536	1662	1787	1912	2037	2162	2313	2463	2663	2813	3013	3213	3413	3663	2,81
757	834	910	1011	1086	1187	1288	1389	1514	1640	1765	1891	2016	2166	2317	2517	2667	2867	3068	3268	3518	2,81
787	863	939	1040	1115	1216	1316	1417	1542	1668	1793	1919	2044	2194	2345	2545	2695	2895	3096	3296	3546	2,83
0,89	**0,91**	**0,92**	**0,93**	**0,93**	**0,94**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,04**	**1,04**	**1,05**	**1,06**	**1,07**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
—	521	602	709	788	892	995	1097	1225	1352	1479	1605	1731	1882	2033	2235	2385	2586	2787	2988	3238	2,84
888	963	1039	1139	1215	1315	1415	1516	1641	1766	1891	2016	2142	2292	2442	2642	2792	2992	3193	3393	3643	2,84
866	941	1017	1117	1193	1293	1393	1494	1619	1744	1870	1995	2120	2270	2420	2621	2771	2971	3171	3371	3621	2,84
843	919	995	1095	1171	1271	1372	1472	1597	1723	1848	1973	2098	2249	2399	2599	2749	2950	3150	3350	3600	2,84
—	—	—	595	677	784	889	993	1122	1250	1378	1505	1631	1783	1935	2136	2287	2489	2690	2891	3141	2,86
0,92	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
816	892	967	1068	1144	1244	1345	1445	1571	1696	1821	1947	2072	2222	2373	2573	2723	2923	3123	3324	3574	2,86
705	782	858	960	1036	1137	1238	1339	1465	1590	1716	1842	1967	2118	2268	2469	2619	2819	3020	3220	3470	2,94
670	747	824	926	1002	1104	1205	1306	1432	1558	1684	1809	1935	2085	2236	2436	2587	2787	2988	3188	3438	2,94
634	712	790	892	969	1070	1172	1273	1399	1525	1651	1777	1902	2053	2203	2404	2555	2755	2955	3156	3406	2,95
549	629	708	812	889	992	1094	1196	1323	1449	1575	1701	1827	1978	2129	2330	2480	2681	2881	3082	3332	2,97
0,9	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**	**1,15**	
735	811	888	989	1065	1166	1267	1367	1493	1619	1744	1870	1995	2146	2296	2497	2647	2847	3047	3248	3498	2,97
892	968	1043	1144	1219	1319	1420	1520	1645	1771	1896	2021	2146	2296	2447	2647	2797	2997	3197	3397	3647	2,99
848	924	1000	1100	1176	1276	1377	1477	1603	1728	1853	1979	2104	2254	2404	2605	2755	2955	3155	3355	3605	3,00
764	841	917	1018	1094	1195	1295	1396	1522	1647	1773	1898	2023	2174	2324	2525	2675	2875	3075	3276	3526	3,00
—	529	611	718	797	901	1004	1107	1235	1362	1489	1615	1741	1893	2044	2245	2396	2597	2797	2998	3249	3,01
0,93	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**	
871	946	1022	1122	1198	1298	1399	1499	1624	1750	1875	2000	2125	2276	2426	2626	2776	2976	3176	3377	3627	3,01
—	—	—	605	687	794	899	1003	1132	1261	1388	1515	1642	1794	1946	2147	2298	2500	2701	2902	3153	3,02

SPB Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**—**	**0,73**	**0,77**	**0,8**	**0,83**	**0,84**	**0,86**	**0,86**	**0,89**	**0,89**	**0,90**	**0,92**
3,03	132	400	941	10,62	479	6,65	314	4,81	—	—	—	303	357	411	463	515	567	628	689	750
3,04	140	425	938	11,93	477	7,42	313	5,34	—	—	—	—	325	380	433	486	538	600	661	722
3,11	180	560	916	18,15	466	11,69	305	8,27	—	—	—	—	—	—	—	—	—	438	503	567
Arc—Length Correction Factor									**—**	**0,63**	**0,7**	**0,75**	**0,77**	**0,8**	**0,83**	**0,84**	**0,85**	**0,85**	**0,86**	**0,88**
3,12	170	530	913	16,60	465	10,62	304	7,52	—	—	—	—	—	—	—	355	411	477	541	604
3,13	160	500	911	14,97	463	9,54	304	6,76	—	—	—	—	—	—	339	395	450	514	577	639
3,15	200	630	905	21,03	460	13,79	302	9,76	—	—	—	—	—	—	—	—	—	—	—	480
3,17	224	710	899	24,04	457	16,23	300	11,52	—	—	—	—	—	—	—	—	—	—	—	—
3,17	112	355	899	7,23	457	4,70	300	3,45	—	266	310	363	416	468	519	570	622	683	743	804
Arc—Length Correction Factor									**—**	**—**	**0,7**	**0,75**	**0,77**	**0,8**	**0,81**	**0,82**	**0,85**	**0,86**	**0,87**	**0,89**
3,17	150	475	899	13,54	457	8,38	300	6,01	—	—	—	—	—	318	374	429	482	545	608	670
3,18	118	375	896	8,26	456	5,29	299	3,86	—	—	284	339	392	444	496	548	599	660	722	782
3,20	250	800	891	26,69	453	18,78	297	13,39	—	—	—	—	—	—	—	—	—	—	—	—
3,20	125	400	891	9,45	453	5,97	297	4,34	—	—	—	307	362	415	468	520	571	633	694	755
3,21	280	900	888	—	452	21,58	296	15,49	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,73**	**0,78**	**0,81**	**0,84**	**0,85**	**0,86**	**0,88**	**0,89**
3,21	140	450	888	11,93	452	7,42	296	5,34	—	—	—	—	296	353	407	461	513	576	638	700
3,22	132	425	885	10,62	450	6,65	295	4,81	—	—	—	—	330	385	438	491	543	605	667	728
3,29	170	560	866	16,60	441	10,62	289	7,52	—	—	—	—	—	—	—	—	376	444	510	574
3,31	160	530	861	14,97	438	9,54	287	6,76	—	—	—	—	—	—	—	361	417	483	547	610
3,32	190	630	858	19,63	437	12,75	286	9,02	—	—	—	—	—	—	—	—	—	—	418	487
Arc—Length Correction Factor									**—**	**—**	**0,67**	**0,72**	**0,74**	**0,75**	**0,75**	**0,8**	**0,83**	**0,85**	**0,87**	**0,88**
3,33	150	500	856	13,54	435	8,38	285	6,01	—	—	—	—	—	—	345	402	456	520	584	646
3,35	212	710	851	22,60	433	15,03	284	10,65	—	—	—	—	—	—	—	—	—	—	—	—
3,35	112	375	851	7,23	433	4,70	284	3,45	—	—	288	342	396	448	500	552	603	665	726	787
3,39	236	800	841	25,48	428	17,49	280	12,44	—	—	—	—	—	—	—	—	—	—	—	—
3,39	118	400	841	8,40	428	5,36	280	3,91	—	—	—	311	366	420	472	524	576	638	699	760
Arc—Length Correction Factor									**—**	**—**	**—**	**0,68**	**0,73**	**0,74**	**0,79**	**0,82**	**0,85**	**0,85**	**0,87**	**0,89**
3,39	140	475	841	12,07	428	7,49	280	5,39	—	—	—	—	—	324	380	435	489	552	614	676
3,40	265	900	838	28,05	426	20,27	279	14,50	—	—	—	—	—	—	—	—	—	—	—	—
3,40	125	425	838	9,59	426	6,04	279	4,39	—	—	—	278	335	389	443	496	548	610	671	733
3,41	132	450	836	10,76	425	6,72	279	4,86	—	—	—	—	301	358	412	466	519	581	643	705
3,50	180	630	814	18,29	414	11,76	271	8,32	—	—	—	—	—	—	—	—	—	—	425	493
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,75**	**0,76**	**0,81**	**0,84**	**0,86**
3,50	160	560	814	15,11	414	9,61	271	6,81	—	—	—	—	—	—	—	—	383	450	516	580
3,53	150	530	807	13,68	411	8,45	269	6,06	—	—	—	—	—	—	—	367	424	489	554	617
3,55	200	710	803	21,17	408	13,86	268	9,81	—	—	—	—	—	—	—	—	—	—	—	—
3,57	280	1000	798	—	406	21,65	266	15,54	—	—	—	—	—	—	—	—	—	—	—	—
3,57	224	800	798	24,18	406	16,30	266	11,57	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**0,7**	**0,75**	**0,79**	**0,82**	**0,83**	**0,86**	**0,87**	**0,87**	**0,88**	**0,91**
3,57	112	400	798	7,37	406	4,77	266	3,50	—	—	258	315	370	424	476	528	580	642	703	765
3,57	140	500	798	12,07	406	7,49	266	5,39	—	—	—	—	—	—	352	408	463	527	590	653
3,60	250	900	792	26,83	403	18,85	264	13,44	—	—	—	—	—	—	—	—	—	—	—	—
3,60	118	425	792	8,40	403	5,36	264	3,91	—	—	—	282	339	394	447	500	552	615	676	738
3,60	125	450	792	9,59	403	6,04	264	4,39	—	—	—	—	305	362	417	471	523	586	648	710
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,74**	**0,79**	**0,82**	**0,85**	**0,85**	**0,87**	**0,88**
3,60	132	475	792	10,76	403	6,72	264	4,86	—	—	—	—	—	329	385	440	494	557	620	682
3,71	170	630	768	16,74	391	10,69	256	7,57	—	—	—	—	—	—	—	—	—	—	431	499
3,73	150	560	764	13,68	389	8,45	255	6,06	—	—	—	—	—	—	—	—	389	457	522	587
3,74	190	710	762	19,77	388	12,82	254	9,07	—	—	—	—	—	—	—	—	—	—	—	—
3,77	265	1000	756	28,05	385	20,27	252	14,50	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**0,57**	**0,58**	**0,63**	**0,66**	**0,74**	**0,76**	**0,79**	**0,82**	**0,85**
3,77	212	800	756	22,74	385	15,10	252	10,70	—	—	—	—	—	—	—	—	—	—	—	—
3,79	112	425	752	7,37	383	4,77	251	3,50	—	—	—	286	343	398	451	504	556	619	680	742
3,79	132	500	752	10,76	383	6,72	251	4,86	—	—	—	—	—	—	356	413	468	532	595	658

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																						Speed Ratio
Belt Length Designation																						
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000		
0,93	**0,94**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	**1,15**		
821	897	973	1074	1150	1250	1351	1451	1577	1702	1827	1953	2078	2228	2379	2579	2729	2929	3130	3330	3580	3,03	
794	870	946	1047	1122	1223	1324	1424	1550	1675	1801	1926	2052	2202	2352	2552	2703	2903	3103	3303	3554	3,04	
641	719	796	899	976	1077	1179	1280	1406	1532	1658	1784	1910	2060	2211	2412	2562	2763	2963	3163	3414	3,11	
0,89	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**		
677	754	831	933	1009	1111	1212	1313	1439	1565	1691	1817	1942	2093	2243	2444	2594	2795	2995	3195	3446	3,12	
712	789	865	967	1043	1144	1245	1346	1472	1598	1724	1849	1975	2125	2276	2476	2626	2827	3027	3227	3478	3,13	
557	637	716	820	898	1000	1102	1204	1331	1458	1584	1710	1836	1987	2138	2339	2489	2690	2890	3091	3342	3,15	
—	537	619	726	805	909	1013	1115	1243	1370	1497	1624	1750	1901	2052	2254	2405	2605	2806	3007	3258	3,17	
875	951	1026	1127	1202	1303	1403	1503	1629	1754	1879	2005	2130	2280	2430	2631	2781	2981	3181	3381	3631	3,17	
0,90	**0,93**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**	**1,15**		
742	818	895	996	1072	1173	1274	1375	1501	1626	1752	1877	2003	2153	2304	2504	2654	2855	3055	3255	3506	3,17	
853	929	1005	1106	1181	1282	1382	1482	1608	1733	1859	1984	2109	2259	2410	2610	2760	2960	3160	3361	3611	3,18	
—	—	—	614	696	804	909	1013	1143	1271	1399	1526	1653	1805	1956	2158	2309	2511	2712	2913	3164	3,20	
826	902	978	1079	1155	1255	1356	1456	1582	1707	1833	1958	2083	2234	2384	2584	2734	2935	3135	3335	3585	3,20	
—	—	—	—	—	678	788	895	1027	1157	1286	1415	1543	1695	1848	2050	2202	2404	2605	2807	3058	3,21	
0,90	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,14**	**1,15**		
771	848	924	1025	1101	1202	1303	1403	1529	1655	1780	1906	2031	2181	2332	2532	2682	2883	3083	3283	3533	3,21	
799	875	951	1053	1128	1229	1330	1430	1556	1681	1807	1932	2058	2208	2358	2559	2709	2909	3109	3310	3560	3,22	
648	726	803	906	983	1084	1186	1287	1413	1540	1666	1791	1917	2068	2218	2419	2570	2770	2971	3171	3421	3,29	
683	761	838	940	1017	1118	1219	1320	1447	1572	1698	1824	1950	2100	2251	2451	2602	2802	3003	3203	3453	3,31	
563	644	723	827	905	1007	1109	1211	1338	1465	1591	1717	1843	1994	2145	2346	2497	2697	2898	3098	3349	3,32	
0,90	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**		
718	796	872	974	1050	1151	1253	1353	1479	1605	1731	1857	1982	2133	2283	2484	2634	2834	3035	3235	3485	3,33	
—	544	627	734	813	917	1021	1124	1251	1379	1506	1632	1759	1910	2061	2263	2413	2614	2815	3016	3267	3,35	
858	933	1009	1110	1185	1286	1386	1487	1612	1738	1863	1988	2114	2264	2414	2614	2765	2965	3165	3365	3615	3,35	
—	—	—	623	705	813	918	1023	1152	1281	1409	1536	1663	1815	1967	2168	2320	2521	2722	2923	3174	3,39	
831	907	983	1084	1160	1260	1361	1462	1587	1713	1838	1963	2089	2239	2389	2590	2740	2940	3140	3340	3591	3,39	
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
748	825	902	1003	1079	1180	1281	1382	1508	1634	1759	1885	2010	2161	2311	2512	2662	2862	3063	3263	3513	3,39	
—	—	—	—	—	687	797	905	1037	1167	1297	1425	1553	1706	1858	2061	2213	2415	2616	2818	3069	3,40	
804	880	956	1058	1133	1234	1335	1435	1561	1687	1812	1937	2063	2213	2363	2564	2714	2914	3115	3315	3565	3,40	
777	853	930	1031	1107	1208	1308	1409	1535	1661	1786	1912	2037	2187	2338	2538	2688	2889	3089	3289	3540	3,41	
570	650	729	834	911	1014	1116	1218	1345	1472	1598	1724	1850	2002	2152	2353	2504	2705	2905	3106	3357	3,50	
0,87	**0,90**	**0,92**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**		
654	732	810	913	990	1091	1193	1294	1421	1547	1673	1799	1924	2075	2226	2427	2577	2778	2978	3179	3429	3,50	
690	768	845	947	1024	1125	1226	1328	1454	1580	1706	1831	1957	2108	2258	2459	2609	2810	3010	3211	3461	3,53	
466	552	634	742	821	926	1029	1132	1260	1387	1514	1641	1767	1919	2070	2271	2422	2623	2824	3025	3276	3,55	
—	—	—	—	—	—	674	788	925	1059	1191	1321	1451	1605	1758	1962	2115	2317	2519	2721	2973	3,57	
—	—	516	630	713	821	926	1031	1160	1289	1417	1544	1671	1823	1975	2177	2328	2530	2731	2932	3183	3,57	
0,92	**0,93**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,12**	**1,13**	**1,14**	**1,15**		
836	912	988	1089	1164	1265	1365	1466	1592	1717	1842	1968	2093	2243	2394	2594	2744	2945	3145	3345	3595	3,57	
725	802	879	981	1057	1159	1260	1361	1487	1613	1738	1864	1989	2140	2291	2491	2641	2842	3042	3243	3493	3,57	
—	—	—	—	581	696	807	914	1047	1177	1307	1435	1563	1716	1869	2072	2223	2425	2627	2829	3080	3,60	
809	885	961	1063	1138	1239	1340	1441	1566	1692	1817	1943	2068	2218	2369	2569	2719	2920	3120	3320	3570	3,60	
782	858	934	1036	1112	1213	1314	1414	1540	1666	1791	1917	2042	2193	2343	2543	2694	2894	3094	3295	3545	3,60	
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**		
754	831	907	1009	1085	1186	1287	1388	1514	1640	1765	1891	2016	2167	2317	2518	2668	2868	3069	3269	3519	3,60	
576	657	736	841	918	1021	1123	1225	1352	1479	1606	1732	1858	2009	2160	2361	2511	2712	2913	3114	3364	3,71	
661	739	817	920	997	1099	1200	1302	1428	1554	1680	1806	1932	2083	2233	2434	2585	2785	2986	3186	3437	3,73	
472	558	641	748	828	932	1036	1139	1267	1394	1521	1648	1774	1926	2077	2279	2430	2631	2832	3032	3283	3,74	
—	—	—	—	—	—	683	797	935	1069	1201	1331	1461	1615	1769	1973	2125	2328	2530	2732	2984	3,77	
0,85	**0,86**	**0,86**	**0,87**	**0,87**	**0,9**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,13**	**1,14**		
—	—	523	638	721	828	934	1039	1169	1297	1425	1553	1680	1832	1984	2186	2337	2539	2740	2941	3192	3,77	
813	890	966	1067	1143	1244	1344	1445	1571	1696	1822	1947	2073	2223	2373	2574	2724	2924	3125	3325	3575	3,79	
731	808	885	987	1063	1164	1266	1366	1493	1618	1744	1870	1995	2146	2297	2497	2647	2848	3048	3249	3499	3,79	

SPB Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									**—**	**—**	**—**	**0,57**	**0,58**	**0,63**	**0,66**	**0,74**	**0,76**	**0,79**	**0,82**	**0,85**
3,79	140	530	752	12,07	383	7,49	251	5,39	—	—	—	—	—	—	—	373	430	496	560	624
3,80	125	475	750	9,59	382	6,04	250	4,39	—	—	—	—	—	333	390	445	498	562	624	687
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,58**	**0,59**	**0,59**	**0,67**	**0,72**	**0,74**	**0,77**	**0,81**
3,81	236	900	748	25,48	381	17,49	249	12,44	—	—	—	—	—	—	—	—	—	—	—	—
3,81	118	450	748	8,40	381	5,36	249	3,91	—	—	—	—	310	367	421	475	528	591	653	715
3,94	180	710	723	18,29	368	11,76	241	8,32	—	—	—	—	—	—	—	—	—	—	—	—
3,94	160	630	723	15,11	368	9,61	241	6,81	—	—	—	—	—	—	—	—	—	—	437	505
4,00	280	1120	713	—	363	21,65	238	15,54	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,59**	**0,60**	**0,60**	**0,68**	**0,72**	**0,76**
4,00	250	1000	713	26,83	363	18,85	238	13,44	—	—	—	—	—	—	—	—	—	—	—	—
4,00	200	800	713	21,17	363	13,86	238	9,81	—	—	—	—	—	—	—	—	—	—	—	—
4,00	125	500	713	9,59	363	6,04	238	4,39	—	—	—	—	—	—	361	417	472	537	600	663
4,00	140	560	713	12,07	363	7,49	238	5,39	—	—	—	—	—	—	—	—	395	463	529	593
4,02	224	900	709	24,18	361	16,30	236	11,57	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**0,73**	**0,77**	**0,81**	**0,82**	**0,85**	**0,86**	**0,87**	**0,89**
4,02	112	450	709	7,37	361	4,77	236	3,50	—	—	—	—	313	370	425	479	532	595	657	719
4,02	132	530	709	10,76	361	6,72	236	4,86	—	—	—	—	—	—	—	378	435	501	565	629
4,03	118	475	707	8,40	360	5,36	236	3,91	—	—	—	—	—	337	394	449	503	566	629	691
4,18	170	710	682	16,74	347	10,69	227	7,57	—	—	—	—	—	—	—	—	—	—	—	—
4,20	150	630	679	13,68	345	8,45	226	6,06	—	—	—	—	—	—	—	—	—	—	443	511
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,59**	**0,59**	**0,67**	**0,72**	**0,76**	**0,80**	**0,83**
4,21	190	800	677	19,77	344	12,82	226	9,07	—	—	—	—	—	—	—	—	—	—	—	—
4,23	265	1120	674	28,05	343	20,27	225	14,50	—	—	—	—	—	—	—	—	—	—	—	—
4,24	236	1000	672	25,48	342	17,49	224	12,44	—	—	—	—	—	—	—	—	—	—	—	—
4,24	112	475	672	7,37	342	4,77	224	3,50	—	—	—	—	—	341	398	453	507	570	633	696
4,24	118	500	672	8,40	342	5,36	224	3,91	—	—	—	—	—	—	365	422	477	541	605	668
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,75**	**0,79**	**0,81**	**0,84**	**0,86**
4,24	125	530	672	9,59	342	6,04	224	4,39	—	—	—	—	—	—	—	382	439	505	570	633
4,24	132	560	672	10,76	342	6,72	224	4,86	—	—	—	—	—	—	—	—	399	468	534	599
4,25	212	900	671	22,74	341	15,10	224	10,70	—	—	—	—	—	—	—	—	—	—	—	—
4,44	180	800	642	18,29	327	11,76	214	8,32	—	—	—	—	—	—	—	—	—	—	—	—
4,44	160	710	642	15,11	327	9,61	214	6,81	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**0,59**	**0,59**	**0,60**	**0,60**	**0,60**	**0,61**	**0,67**
4,46	280	1250	639	—	325	21,65	213	15,54	—	—	—	—	—	—	—	—	—	—	—	—
4,46	224	1000	639	24,18	325	16,30	213	11,57	—	—	—	—	—	—	—	—	—	—	—	—
4,46	112	500	639	7,37	325	4,77	213	3,50	—	—	—	—	—	309	369	425	480	545	609	672
4,48	250	1120	636	26,83	324	18,85	212	13,44	—	—	—	—	—	—	—	—	—	—	—	—
4,48	125	560	636	9,59	324	6,04	212	4,39	—	—	—	—	—	—	—	343	404	472	538	603
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,70**	**0,75**	**0,79**	**0,81**	**0,84**	**0,86**
4,49	118	530	635	8,40	323	5,36	212	3,91	—	—	—	—	—	—	326	386	443	510	574	638
4,50	200	900	633	21,17	322	13,86	211	9,81	—	—	—	—	—	—	—	—	—	—	—	—
4,50	140	630	633	12,07	322	7,49	211	5,39	—	—	—	—	—	—	—	—	—	—	449	518
4,71	170	800	605	16,74	308	10,69	202	7,57	—	—	—	—	—	—	—	—	—	—	—	—
4,72	265	1250	604	28,05	307	20,27	201	14,50	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**0,59**	**0,60**	**0,60**	**0,60**	**0,69**	**0,73**
4,72	212	1000	604	22,74	307	15,10	201	10,70	—	—	—	—	—	—	—	—	—	—	—	—
4,73	150	710	603	13,68	307	8,45	201	6,06	—	—	—	—	—	—	—	—	—	—	—	—
4,73	112	530	603	7,37	307	4,77	201	3,50	—	—	—	—	—	—	330	390	447	513	578	642
4,74	190	900	601	19,77	306	12,82	200	9,07	—	—	—	—	—	—	—	—	—	—	—	—
4,75	236	1120	600	25,48	305	17,49	200	12,44	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,71**	**0,76**	**0,79**	**0,82**	**0,85**
4,75	118	560	600	8,40	305	5,36	200	3,91	—	—	—	—	—	—	—	347	408	477	543	608
4,77	132	630	597	10,76	304	6,72	199	4,86	—	—	—	—	—	—	—	—	—	—	453	522
5,00	250	1250	570	26,83	290	18,85	190	13,44	—	—	—	—	—	—	—	—	—	—	—	—
5,00	224	1120	570	24,18	290	16,30	190	11,57	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,85	**0,86**	**0,86**	**0,87**	**0,87**	**0,9**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,13**	**1,14**	
697	775	852	954	1031	1132	1234	1335	1461	1587	1713	1839	1964	2115	2266	2466	2617	2817	3018	3218	3469	3,79
759	836	912	1014	1090	1191	1292	1393	1519	1645	1770	1896	2021	2172	2322	2523	2673	2874	3074	3274	3525	3,80
0,84	**0,86**	**0,87**	**0,87**	**0,88**	**0,89**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,01**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	
—	—	—	—	590	705	816	924	1056	1187	1316	1445	1573	1726	1879	2082	2234	2436	2637	2839	3090	3,81
787	863	939	1041	1117	1218	1319	1419	1545	1671	1796	1922	2047	2198	2348	2549	2699	2899	3100	3300	3550	3,81
478	564	647	755	834	939	1043	1146	1274	1401	1528	1655	1782	1933	2085	2286	2437	2638	2839	3040	3291	3,94
582	663	743	847	925	1028	1130	1232	1360	1486	1613	1739	1865	2016	2167	2368	2519	2720	2920	3121	3372	3,94
—	—	—	—	—	—	—	—	789	931	1068	1203	1335	1492	1647	1853	2007	2211	2414	2617	2870	4,00
0,79	**0,82**	**0,85**	**0,88**	**0,89**	**0,92**	**0,92**	**0,93**	**0,93**	**0,96**	**0,96**	**1,00**	**1,00**	**1,02**	**1,02**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	
—	—	—	—	—	—	692	807	944	1079	1211	1341	1471	1625	1779	1983	2136	2339	2541	2743	2995	4,00
—	—	530	645	728	836	942	1047	1177	1306	1434	1561	1688	1841	1992	2194	2346	2547	2749	2950	3201	4,00
735	813	890	992	1068	1169	1271	1372	1498	1624	1749	1875	2001	2151	2302	2502	2653	2853	3054	3254	3504	4,00
667	746	824	927	1004	1106	1207	1309	1435	1561	1687	1813	1939	2090	2241	2441	2592	2793	2993	3194	3444	4,00
—	—	—	—	597	712	823	931	1064	1195	1325	1453	1582	1735	1887	2090	2242	2444	2646	2848	3099	4,02
0,90	**0,93**	**0,94**	**0,95**	**0,96**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,06**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,15**	
791	867	944	1045	1121	1222	1323	1424	1550	1675	1801	1926	2052	2202	2353	2553	2704	2904	3104	3305	3555	4,02
702	780	857	960	1036	1138	1239	1341	1467	1593	1719	1845	1970	2121	2272	2472	2623	2823	3024	3224	3475	4,02
764	841	917	1019	1095	1196	1297	1398	1524	1650	1776	1901	2027	2177	2328	2528	2679	2879	3079	3280	3530	4,03
484	570	653	761	841	946	1049	1153	1281	1408	1535	1662	1789	1940	2092	2293	2444	2645	2846	3047	3298	4,18
589	670	749	854	932	1035	1137	1239	1367	1493	1620	1746	1872	2023	2174	2376	2526	2727	2928	3128	3379	4,20
0,85	**0,85**	**0,86**	**0,86**	**0,87**	**0,90**	**0,93**	**0,96**	**0,97**	**0,99**	**1,00**	**1,03**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,14**	
—	—	536	651	735	843	949	1054	1184	1312	1441	1568	1695	1848	2000	2202	2353	2555	2756	2957	3208	4,21
—	—	—	—	—	—	—	—	798	941	1078	1212	1345	1502	1658	1864	2017	2222	2425	2628	2881	4,23
—	—	—	—	—	—	701	815	953	1088	1220	1351	1480	1635	1789	1993	2146	2349	2551	2753	3005	4,24
768	845	921	1023	1099	1200	1302	1402	1528	1654	1780	1906	2031	2182	2332	2533	2683	2883	3084	3284	3535	4,24
740	818	894	997	1073	1174	1276	1377	1503	1629	1754	1880	2006	2156	2307	2508	2658	2858	3059	3259	3510	4,24
0,89	**0,90**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
707	785	862	965	1041	1143	1244	1346	1472	1598	1724	1850	1975	2126	2277	2478	2628	2829	3029	3229	3480	4,24
673	751	829	932	1009	1111	1213	1314	1441	1567	1693	1819	1945	2096	2247	2447	2598	2799	2999	3200	3450	4,24
—	—	—	—	604	720	831	939	1072	1203	1333	1462	1590	1743	1896	2099	2251	2453	2655	2856	3108	4,25
—	—	542	658	741	849	955	1060	1190	1319	1448	1575	1702	1855	2007	2209	2360	2562	2763	2964	3216	4,44
490	576	660	768	847	952	1056	1159	1288	1415	1543	1669	1796	1948	2099	2301	2452	2653	2854	3055	3306	4,44
0,70	**0,78**	**0,80**	**0,84**	**0,85**	**0,88**	**0,90**	**0,91**	**0,91**	**0,92**	**0,92**	**0,93**	**0,93**	**0,96**	**0,99**	**1,02**	**1,03**	**1,05**	**1,06**	**1,09**	**1,10**	
—	—	—	—	—	—	—	—	—	772	921	1063	1201	1363	1522	1731	1887	2093	2298	2502	2756	4,46
—	—	—	—	—	—	708	823	961	1095	1228	1359	1489	1643	1797	2002	2154	2357	2560	2762	3014	4,46
744	822	899	1001	1077	1179	1280	1381	1507	1633	1759	1885	2010	2161	2311	2512	2663	2863	3063	3264	3514	4,46
—	—	—	—	—	—	—	—	807	950	1088	1222	1355	1512	1668	1874	2028	2232	2436	2639	2892	4,48
677	756	834	937	1014	1116	1218	1319	1446	1572	1698	1824	1950	2101	2252	2453	2603	2804	3004	3205	3455	4,48
0,89	**0,9**	**0,92**	**0,93**	**0,96**	**0,97**	**0,98**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,04**	**1,07**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
711	789	867	969	1046	1148	1249	1351	1477	1603	1729	1855	1981	2131	2282	2483	2633	2834	3034	3235	3485	4,49
—	—	—	—	611	727	838	947	1080	1211	1341	1470	1598	1752	1904	2107	2259	2462	2664	2865	3117	4,50
595	676	756	861	939	1042	1144	1246	1374	1501	1627	1753	1880	2031	2182	2383	2534	2735	2935	3136	3387	4,50
—	—	548	664	747	856	962	1067	1197	1326	1454	1582	1710	1862	2014	2216	2368	2569	2771	2972	3223	4,71
—	—	—	—	—	—	—	—	—	780	930	1073	1211	1372	1532	1741	1897	2103	2308	2512	2767	4,72
0,77	**0,82**	**0,83**	**0,86**	**0,88**	**0,89**	**0,89**	**0,90**	**0,90**	**0,93**	**0,96**	**1,00**	**1,00**	**1,02**	**1,02**	**1,06**	**1,07**	**1,08**	**1,08**	**1,11**	**1,12**	
—	—	—	—	—	—	715	830	968	1103	1236	1367	1497	1652	1806	2010	2163	2366	2568	2771	3023	4,72
496	583	666	774	854	959	1063	1166	1295	1422	1550	1677	1803	1955	2106	2308	2459	2660	2861	3062	3313	4,73
716	794	871	974	1050	1152	1254	1355	1481	1607	1733	1859	1985	2136	2286	2487	2638	2838	3039	3239	3490	4,73
—	—	—	—	617	733	845	953	1086	1218	1348	1477	1605	1759	1911	2115	2267	2469	2671	2872	3124	4,74
—	—	—	—	—	—	—	—	816	959	1096	1231	1364	1521	1677	1884	2038	2242	2446	2649	2902	4,75
0,87	**0,90**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,04**	**1,05**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
682	761	839	942	1019	1121	1223	1324	1451	1577	1703	1829	1955	2106	2257	2458	2608	2809	3010	3210	3461	4,75
600	681	761	866	944	1047	1150	1252	1379	1506	1633	1759	1885	2037	2188	2389	2540	2741	2941	3142	3393	4,77
—	—	—	—	—	—	—	—	—	789	939	1082	1220	1382	1541	1751	1907	2113	2319	2523	2777	5,00
—	—	—	—	—	—	—	—	823	966	1104	1239	1372	1529	1685	1892	2046	2250	2454	2657	2910	5,00

SPB Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									—	—	—	—	—	—	—	**0,71**	**0,76**	**0,79**	**0,82**	**0,85**
5,00	200	1000	570	21,17	290	13,86	190	9,81	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	**0,6**	**0,6**	**0,6**	**0,69**	**0,76**
5,00	180	900	570	18,29	290	11,76	190	8,32	—	—	—	—	—	—	—	—	—	—	—	—
5,00	160	800	570	15,11	290	9,61	190	6,81	—	—	—	—	—	—	—	—	—	—	—	—
5,00	112	560	570	7,37	290	4,77	190	3,50	—	—	—	—	—	—	—	351	412	480	547	611
5,04	125	630	565	9,59	288	6,04	188	4,39	—	—	—	—	—	—	—	—	—	384	458	527
5,07	140	710	562	12,07	286	7,49	187	5,39	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
5,26	190	1000	542	19,77	276	12,82	181	9,07	—	—	—	—	—	—	—	—	—	—	—	—
5,28	212	1120	540	22,74	275	15,10	180	10,70	—	—	—	—	—	—	—	—	—	—	—	—
5,29	170	900	539	16,74	274	10,69	180	7,57	—	—	—	—	—	—	—	—	—	—	—	—
5,30	236	1250	538	25,48	274	17,49	179	12,44	—	—	—	—	—	—	—	—	—	—	—	—
5,33	150	800	535	13,68	272	8,45	178	6,06	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	**0,68**	**0,75**	**0,81**
5,34	118	630	534	8,40	272	5,36	178	3,91	—	—	—	—	—	—	—	—	—	388	462	531
5,38	132	710	530	10,76	270	6,72	177	4,86	—	—	—	—	—	—	—	—	—	—	—	—
5,56	180	1000	513	18,29	261	11,76	171	8,32	—	—	—	—	—	—	—	—	—	—	—	—
5,58	224	1250	511	24,18	260	16,30	170	11,57	—	—	—	—	—	—	—	—	—	—	—	—
5,60	200	1120	509	21,17	259	13,86	170	9,81	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	**0,6**	**0,61**	**0,69**
5,63	160	900	506	15,11	258	9,61	169	6,81	—	—	—	—	—	—	—	—	—	—	—	—
5,63	112	630	506	7,37	258	4,77	169	3,50	—	—	—	—	—	—	—	—	—	392	465	535
5,68	125	710	502	9,59	255	6,04	167	4,39	—	—	—	—	—	—	—	—	—	—	—	424
5,71	140	800	499	12,07	254	7,49	166	5,39	—	—	—	—	—	—	—	—	—	—	—	—
5,88	170	1000	485	16,74	247	10,69	162	7,57	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	**0,62**
5,89	190	1120	484	19,77	246	12,82	161	9,07	—	—	—	—	—	—	—	—	—	—	—	—
5,90	212	1250	483	22,74	246	15,10	161	10,70	—	—	—	—	—	—	—	—	—	—	—	—
6,00	150	900	475	13,68	242	8,45	158	6,06	—	—	—	—	—	—	—	—	—	—	—	—
6,02	118	710	473	8,40	241	5,36	158	3,91	—	—	—	—	—	—	—	—	—	—	—	428
6,06	132	800	470	10,76	239	6,72	157	4,86	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	**0,62**
6,22	180	1120	458	18,29	233	11,76	153	8,32	—	—	—	—	—	—	—	—	—	—	—	—
6,25	200	1250	456	21,17	232	13,86	152	9,81	—	—	—	—	—	—	—	—	—	—	—	—
6,25	160	1000	456	15,11	232	9,61	152	6,81	—	—	—	—	—	—	—	—	—	—	—	—
6,34	112	710	450	7,37	229	4,77	150	3,50	—	—	—	—	—	—	—	—	—	—	—	431
6,40	125	800	445	9,59	227	6,04	148	4,39	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
6,43	140	900	443	12,07	226	7,49	148	5,39	—	—	—	—	—	—	—	—	—	—	—	—
6,58	190	1250	433	19,77	220	12,82	144	9,07	—	—	—	—	—	—	—	—	—	—	—	—
6,59	170	1120	432	16,74	220	10,69	144	7,57	—	—	—	—	—	—	—	—	—	—	—	—
6,67	150	1000	427	13,68	217	8,45	142	6,06	—	—	—	—	—	—	—	—	—	—	—	—
6,78	118	800	420	8,40	214	5,36	140	3,91	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
6,82	132	900	418	10,76	213	6,72	139	4,86	—	—	—	—	—	—	—	—	—	—	—	—
6,94	180	1250	411	18,29	209	11,76	137	8,32	—	—	—	—	—	—	—	—	—	—	—	—
7,00	160	1120	407	15,11	207	9,61	136	6,81	—	—	—	—	—	—	—	—	—	—	—	—
7,14	140	1000	399	12,07	203	7,49	133	5,39	—	—	—	—	—	—	—	—	—	—	—	—
7,14	112	800	399	7,37	203	4,77	133	3,50	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
7,20	125	900	396	9,59	201	6,04	132	4,39	—	—	—	—	—	—	—	—	—	—	—	—
7,35	170	1250	388	16,74	197	10,69	129	7,57	—	—	—	—	—	—	—	—	—	—	—	—
7,47	150	1120	382	13,68	194	8,45	127	6,06	—	—	—	—	—	—	—	—	—	—	—	—
7,58	132	1000	376	10,76	191	6,72	125	4,86	—	—	—	—	—	—	—	—	—	—	—	—
7,63	118	900	374	8,40	190	5,36	125	3,91	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
0,87	**0,90**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,04**	**1,05**	**1,08**	**1,09**	**1,10**	**1,11**	**1,12**	**1,13**	**1,14**	
—	—	—	—	—	—	722	837	976	1111	1244	1375	1505	1660	1814	2018	2171	2374	2577	2779	3032	5,00
0,79	**0,82**	**0,85**	**0,88**	**0,89**	**0,86**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	
—	—	—	—	623	740	851	960	1093	1224	1354	1484	1612	1765	1918	2122	2274	2476	2678	2880	3132	5,00
—	—	554	670	753	862	969	1074	1204	1333	1461	1589	1717	1869	2021	2223	2375	2577	2778	2979	3231	5,00
686	765	843	946	1023	1125	1227	1329	1455	1582	1708	1834	1960	2111	2261	2462	2613	2814	3014	3215	3465	5,00
605	686	766	871	949	1052	1155	1257	1384	1511	1638	1764	1890	2042	2193	2394	2545	2746	2947	3147	3398	5,04
502	589	672	781	861	966	1070	1173	1302	1429	1557	1684	1810	1962	2114	2315	2466	2668	2869	3070	3321	5,07
—	**—**	**0,64**	**0,64**	**0,77**	**0,74**	**0,82**	**0,88**	**0,90**	**0,93**	**0,96**	**1,00**	**1,00**	**1,02**	**1,02**	**1,03**	**1,07**	**1,08**	**1,08**	**1,11**	**1,12**	
—	—	—	—	—	605	728	844	982	1117	1250	1381	1512	1667	1821	2025	2178	2381	2584	2786	3039	5,26
—	—	—	—	—	—	—	677	830	974	1112	1247	1380	1537	1694	1900	2054	2259	2463	2666	2919	5,28
—	—	—	536	629	746	857	966	1099	1231	1361	1490	1619	1772	1925	2129	2281	2483	2685	2887	3139	5,29
—	—	—	—	—	—	—	—	—	797	948	1091	1229	1391	1551	1760	1916	2123	2328	2533	2787	5,30
—	—	560	676	760	868	975	1080	1211	1340	1468	1596	1724	1876	2028	2231	2382	2584	2785	2987	3238	5,33
0,84	**0,86**	**0,89**	**0,92**	**0,93**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,04**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,11**	**1,12**	**1,13**	**1,14**	
609	690	770	875	953	1057	1160	1262	1389	1516	1643	1769	1896	2047	2198	2399	2550	2751	2952	3152	3403	5,34
507	594	677	786	866	971	1075	1179	1307	1435	1562	1689	1816	1968	2119	2321	2472	2673	2875	3075	3326	5,38
—	—	—	—	—	611	734	850	989	1124	1257	1388	1518	1673	1828	2032	2185	2389	2591	2794	3046	5,56
—	—	—	—	—	—	—	—	—	804	955	1098	1236	1399	1558	1769	1925	2131	2337	2541	2796	5,58
—	—	—	—	—	—	—	684	837	981	1119	1254	1388	1545	1702	1908	2063	2267	2471	2674	2928	5,60
0,74	**0,80**	**0,83**	**0,86**	**0,86**	**0,87**	**0,89**	**0,92**	**0,95**	**0,98**	**0,99**	**1,01**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,09**	**1,10**	**1,11**	**1,12**	
—	—	—	541	635	752	864	973	1106	1238	1368	1497	1626	1779	1932	2136	2288	2490	2692	2894	3146	5,63
613	694	774	879	958	1061	1164	1266	1393	1520	1647	1774	1900	2051	2202	2404	2554	2755	2956	3157	3408	5,63
511	598	682	790	870	976	1080	1183	1312	1440	1567	1694	1821	1973	2124	2326	2477	2679	2880	3081	3332	5,68
—	472	566	682	766	875	982	1087	1217	1347	1475	1603	1731	1883	2035	2238	2389	2591	2793	2994	3245	5,71
—	—	—	—	—	617	740	856	995	1130	1263	1395	1525	1680	1835	2039	2192	2396	2598	2801	3053	5,88
0,62	**0,63**	**0,72**	**0,79**	**0,82**	**0,86**	**0,86**	**0,87**	**0,87**	**0,89**	**0,92**	**0,95**	**0,97**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,08**	**1,09**	**1,10**	
—	—	—	—	—	—	—	690	843	987	1126	1261	1394	1552	1708	1915	2069	2274	2478	2681	2935	5,89
—	—	—	—	—	—	—	—	—	811	962	1106	1244	1407	1566	1777	1933	2139	2345	2550	2804	5,90
—	—	—	547	641	758	870	979	1113	1244	1375	1504	1633	1786	1939	2143	2295	2498	2700	2902	3153	6,00
515	602	686	795	875	980	1085	1188	1317	1445	1572	1699	1826	1978	2129	2331	2482	2684	2885	3086	3337	6,02
—	476	571	687	771	880	987	1092	1223	1352	1481	1609	1736	1889	2041	2244	2395	2597	2798	3000	3251	6,06
0,62	**0,63**	**0,72**	**0,79**	**0,82**	**0,86**	**0,86**	**0,87**	**0,87**	**0,89**	**0,92**	**0,95**	**0,97**	**0,98**	**1,01**	**1,03**	**1,04**	**1,05**	**1,08**	**1,09**	**1,10**	
—	—	—	—	—	—	—	696	849	993	1132	1267	1401	1559	1715	1922	2076	2281	2485	2688	2942	6,22
—	—	—	—	—	—	—	—	—	818	970	1113	1252	1414	1574	1785	1941	2148	2353	2558	2813	6,25
—	—	—	—	—	623	746	862	1001	1137	1270	1401	1532	1687	1842	2046	2199	2403	2606	2808	3061	6,25
519	606	690	799	879	984	1089	1192	1321	1449	1576	1703	1830	1982	2134	2336	2487	2688	2889	3090	3341	6,34
—	480	575	692	775	884	991	1097	1227	1357	1486	1614	1741	1894	2046	2249	2400	2602	2804	3005	3256	6,40
—	**0,63**	**0,72**	**0,72**	**0,80**	**0,86**	**0,89**	**0,92**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	
—	—	—	553	647	764	876	985	1119	1251	1381	1511	1640	1793	1947	2150	2302	2505	2707	2909	3161	6,43
—	—	—	—	—	—	—	—	—	824	976	1119	1258	1421	1581	1791	1947	2154	2360	2565	2820	6,58
—	—	—	—	—	—	—	702	855	999	1138	1274	1407	1565	1722	1929	2083	2288	2492	2695	2949	6,59
—	—	—	—	—	629	752	868	1008	1143	1276	1408	1539	1694	1848	2053	2206	2410	2613	2815	3068	6,67
—	484	579	696	780	889	996	1102	1232	1362	1490	1618	1746	1899	2051	2254	2405	2607	2809	3010	3262	6,78
—	**0,63**	**0,72**	**0,72**	**0,80**	**0,86**	**0,89**	**0,92**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	
—	—	—	558	652	769	881	990	1124	1256	1387	1516	1645	1799	1952	2156	2308	2511	2713	2915	3167	6,82
—	—	—	—	—	—	—	—	—	830	982	1125	1264	1427	1587	1798	1954	2161	2367	2572	2827	6,94
—	—	—	—	—	—	—	707	861	1006	1145	1280	1414	1572	1729	1936	2090	2295	2499	2703	2956	7,00
—	—	—	—	—	634	758	874	1014	1150	1283	1415	1545	1701	1855	2060	2213	2417	2620	2822	3075	7,14
—	488	583	699	784	893	1000	1106	1236	1366	1494	1623	1750	1903	2055	2258	2410	2611	2813	3014	3266	7,14
—	**—**	**—**	**0,72**	**0,80**	**0,83**	**0,89**	**0,92**	**0,95**	**0,96**	**0,99**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	**1,10**	**1,11**	**1,12**	
—	—	—	562	656	773	886	995	1129	1261	1391	1521	1650	1804	1957	2161	2313	2516	2718	2920	3172	7,20
—	—	—	—	—	—	—	—	—	836	988	1131	1271	1434	1594	1805	1961	2168	2374	2579	2834	7,35
—	—	—	—	—	—	—	713	867	1012	1151	1287	1420	1579	1735	1943	2097	2302	2506	2710	2963	7,47
—	—	—	—	—	639	763	879	1019	1155	1288	1420	1551	1706	1861	2066	2219	2423	2626	2828	3081	7,58
—	—	—	566	660	778	890	999	1133	1265	1396	1526	1655	1809	1962	2166	2318	2521	2723	2925	3177	7,63

SPB

Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt						Nominal Center Distance And Arc-Length Correction Factor											
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		Belt Length Designation											
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	1250	1320	1400	1500	1600	1700	1800	1900	2000	2120	2240	2360
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
7,81	160	1250	365	15,11	186	9,61	122	6,81	—	—	—	—	—	—	—	—	—	—	—	—
8,00	140	1120	356	12,07	181	7,49	119	5,39	—	—	—	—	—	—	—	—	—	—	—	—
8,00	125	1000	356	9,59	181	6,04	119	4,39	—	—	—	—	—	—	—	—	—	—	—	—
8,04	112	900	354	7,37	180	4,77	118	3,50	—	—	—	—	—	—	—	—	—	—	—	—
8,33	150	1250	342	13,68	174	8,45	114	6,06	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
8,47	118	1000	336	8,40	171	5,36	112	3,91	—	—	—	—	—	—	—	—	—	—	—	—
8,48	132	1120	336	10,76	171	6,72	112	4,86	—	—	—	—	—	—	—	—	—	—	—	—
8,93	140	1250	319	12,07	162	7,49	106	5,39	—	—	—	—	—	—	—	—	—	—	—	—
8,93	112	1000	319	7,37	162	4,77	106	3,50	—	—	—	—	—	—	—	—	—	—	—	—
8,96	125	1120	318	9,59	162	6,04	106	4,39	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
9,47	132	1250	301	10,76	153	6,72	100	4,86	—	—	—	—	—	—	—	—	—	—	—	—
9,49	118	1120	300	8,40	153	5,36	100	3,91	—	—	—	—	—	—	—	—	—	—	—	—
10,00	125	1250	285	9,59	145	6,04	95	4,39	—	—	—	—	—	—	—	—	—	—	—	—
10,00	112	1120	285	7,37	145	4,77	95	3,50	—	—	—	—	—	—	—	—	—	—	—	—
10,59	118	1250	269	8,40	137	5,36	90	3,91	—	—	—	—	—	—	—	—	—	—	—	—
Arc—Length Correction Factor									—	—	—	—	—	—	—	—	—	—	—	—
11,16	112	1250	255	7,37	130	4,77	85	3,50	—	—	—	—	—	—	—	—	—	—	—	—

Power Ratings

SPB

Nominal Center Distances And Arc-Length Correction Factor																					Speed Ratio
Belt Length Designation																					
2500	2650	2800	3000	3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	
—	**—**	**—**	**0,64**	**0,65**	**0,74**	**0,79**	**0,84**	**0,88**	**0,90**	**0,9**	**0,91**	**0,93**	**0,96**	**0,99**	**1,00**	**1,03**	**1,04**	**1,06**	**1,07**	**1,10**	
—	—	—	—	—	—	—	—	—	842	994	1138	1277	1440	1600	1811	1968	2175	2381	2586	2841	7,81
—	—	—	—	—	—	—	719	873	1018	1157	1293	1427	1585	1742	1949	2104	2309	2513	2717	2970	8,00
—	—	—	—	—	643	767	884	1023	1159	1293	1425	1555	1711	1866	2071	2224	2427	2630	2833	3086	8,00
—	—	—	569	664	781	894	1003	1137	1269	1400	1530	1659	1813	1966	2170	2322	2525	2727	2929	3181	8,04
—	—	—	—	—	—	—	—	—	848	1000	1144	1283	1446	1607	1818	1974	2182	2388	2593	2848	8,33
—	**—**	**—**	**—**	**—**	**0,74**	**0,82**	**0,88**	**0,90**	**0,93**	**0,96**	**0,97**	**1,00**	**1,00**	**1,02**	**1,03**	**1,07**	**1,08**	**1,08**	**1,09**	**1,12**	
—	—	—	—	—	647	771	888	1028	1164	1297	1429	1560	1716	1870	2076	2229	2432	2635	2838	3091	8,47
—	—	—	—	—	—	—	724	878	1023	1162	1298	1432	1590	1747	1955	2109	2314	2519	2722	2976	8,48
—	—	—	—	—	—	—	—	—	853	1006	1150	1289	1453	1613	1824	1981	2188	2395	2600	2855	8,93
—	—	—	—	—	651	775	892	1032	1168	1301	1433	1564	1720	1874	2080	2233	2437	2640	2842	3095	8,93
—	—	—	—	—	—	—	728	882	1027	1167	1303	1437	1595	1752	1960	2114	2319	2524	2727	2981	8,96
—	**—**	**—**	**—**	**—**	**—**	**—**	**0,67**	**0,77**	**0,77**	**0,85**	**0,91**	**0,93**	**0,96**	**0,99**	**1,00**	**1,03**	**1,04**	**1,06**	**1,07**	**1,10**	
—	—	—	—	—	—	—	—	—	858	1011	1155	1294	1458	1619	1830	1986	2194	2400	2605	2861	9,47
—	—	—	—	—	—	—	732	887	1032	1171	1307	1441	1600	1757	1964	2119	2324	2529	2732	2986	9,49
—	—	—	—	—	—	—	—	692	862	1015	1159	1299	1462	1623	1834	1991	2199	2405	2610	2865	10,00
—	—	—	—	—	—	—	735	890	1035	1175	1311	1445	1604	1761	1968	2123	2328	2533	2736	2990	10,00
—	—	—	—	—	—	—	—	696	866	1019	1163	1303	1467	1628	1839	1996	2203	2410	2615	2870	10,59
—	**—**	**—**	**—**	**—**	**—**	**—**	**—**	**0,68**	**0,77**	**0,85**	**0,91**	**0,93**	**0,96**	**0,99**	**1,00**	**1,03**	**1,04**	**1,06**	**1,07**	**1,10**	
—	—	—	—	—	—	—	—	699	870	1023	1167	1307	1471	1632	1843	2000	2207	2414	2619	2875	11,16

SPC Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,00	200	200	—	—	1450	15,00	950	11,30	725	9,30	686	746	806	866	936	1011	1086	1186
1,00	212	212	—	—	1450	16,70	950	12,55	725	10,30	667	727	787	847	917	992	1067	1167
1,00	224	224	—	—	1450	18,40	950	13,80	725	11,30	648	708	768	828	898	973	1048	1148
1,00	236	236	—	—	1450	20,10	950	15,00	725	12,30	629	689	749	809	879	954	1029	1129
1,00	250	250	2850	25,70	1450	22,70	950	16,80	725	13,60	608	668	728	788	858	933	1008	1108
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,00	265	265	2850	28,00	1450	25,30	950	18,80	725	15,20	584	644	704	764	834	909	984	1084
1,00	280	280	—	—	1450	27,90	950	20,70	725	16,70	560	620	680	740	810	885	960	1060
1,00	300	300	—	—	1450	31,10	950	23,30	725	18,80	529	589	649	709	779	854	929	1029
1,00	315	315	—	—	1450	33,50	950	25,10	725	20,30	505	565	625	685	755	830	905	1005
1,00	335	335	—	—	1450	36,60	950	27,60	725	22,30	474	534	594	654	724	799	874	974
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,00	355	355	—	—	1450	39,50	950	30,00	725	24,30	443	503	563	623	693	768	843	943
1,00	375	375	—	—	1450	42,30	950	32,40	725	26,20	411	471	531	591	661	736	811	911
1,00	400	400	—	—	1450	45,50	950	35,30	725	28,60	—	432	492	552	622	697	772	872
1,00	425	425	—	—	1450	48,50	950	38,10	725	31,00	—	—	453	513	583	658	733	833
1,00	450	450	—	—	1450	51,20	950	40,80	725	33,30	—	—	—	474	544	619	694	794
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,00	475	475	—	—	1450	53,60	950	43,40	725	35,60	—	—	—	—	504	579	654	754
1,05	224	236	—	—	1381	18,69	905	13,99	690	11,44	639	699	759	819	889	964	1039	1139
1,05	300	315	—	—	1381	31,39	905	23,49	690	18,94	517	577	637	697	767	842	917	1017
1,05	475	500	—	—	1381	53,89	905	43,59	690	35,74	—	—	—	—	—	559	635	735
1,06	200	212	—	—	1368	15,79	896	11,82	684	9,69	677	737	797	857	927	1002	1077	1177
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,06	212	224	—	—	1368	17,49	896	13,07	684	10,69	658	718	778	838	908	983	1058	1158
1,06	236	250	—	—	1368	20,89	896	15,52	684	12,69	618	678	738	798	868	943	1018	1118
1,06	250	265	2689	27,25	1368	23,49	896	17,32	684	13,99	596	656	716	776	846	921	996	1096
1,06	265	280	2689	29,55	1368	26,09	896	19,32	684	15,59	572	632	692	752	822	897	972	1072
1,06	315	335	—	—	1368	34,29	896	25,62	684	20,69	490	550	610	670	740	815	890	990
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,06	335	355	—	—	1368	37,39	896	28,12	684	22,69	458	518	578	638	708	783	858	958
1,06	355	375	—	—	1368	40,29	896	30,52	684	24,69	427	487	547	607	677	752	827	927
1,06	400	425	—	—	1368	46,29	896	35,82	684	28,99	—	—	472	532	602	677	752	852
1,06	425	450	—	—	1368	49,29	896	38,62	684	31,39	—	—	—	493	563	638	713	813
1,06	450	475	—	—	1368	51,99	896	41,32	684	33,69	—	—	—	—	524	599	674	774
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,07	280	300	—	—	1355	28,69	888	21,22	678	17,09	545	605	665	725	795	870	945	1045
1,07	375	400	—	—	1355	43,09	888	32,92	678	26,59	391	451	511	571	642	717	792	892
1,11	212	236	—	—	1306	17,49	856	13,07	653	10,69	648	708	768	828	898	973	1048	1148
1,11	450	500	—	—	1306	51,99	856	41,32	653	33,69	—	—	—	—	504	579	654	754
1,12	200	224	—	—	1295	16,37	848	12,20	647	9,99	667	727	787	847	917	992	1067	1167
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,12	224	250	—	—	1295	19,77	848	14,70	647	11,99	628	688	748	808	878	953	1028	1128
1,12	236	265	—	—	1295	21,47	848	15,90	647	12,99	607	667	727	787	857	932	1007	1107
1,12	250	280	2545	27,99	1295	24,07	848	17,70	647	14,29	584	644	704	764	834	909	984	1084
1,12	300	335	—	—	1295	32,47	848	24,20	647	19,49	501	561	621	681	751	826	901	1001
1,12	335	375	—	—	1295	37,97	848	28,50	647	22,99	442	502	562	622	692	767	842	942
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,87**	**0,90**	**0,90**	**0,91**	**0,92**
1,12	425	475	—	—	1295	49,87	848	39,00	647	31,69	—	—	—	473	543	618	693	793
1,12	475	530	—	—	1295	54,97	848	44,30	647	36,29	—	—	—	—	—	535	610	711
1,13	265	300	2522	30,29	1283	26,67	841	19,70	642	15,89	556	616	676	736	806	881	956	1056
1,13	280	315	—	—	1283	29,27	841	21,60	642	17,39	533	593	653	713	783	858	933	1033
1,13	315	355	—	—	1283	34,87	841	26,00	642	20,99	474	534	594	654	724	799	874	974
Arc—Length Correction Factor											**0,85**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,13	355	400	—	—	1283	40,87	841	30,90	642	24,99	407	467	527	587	657	732	807	907

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1261	1361	1461	1561	1686	1811	1936	2061	2186	2336	2486	2686	2836	3036	3236	3436	3686	3936	4186	1,00
1242	1342	1442	1542	1667	1792	1917	2042	2167	2317	2467	2667	2817	3017	3217	3417	3667	3917	4167	1,00
1223	1323	1423	1523	1648	1773	1898	2023	2148	2298	2448	2648	2798	2998	3198	3398	3648	3898	4148	1,00
1204	1304	1404	1504	1629	1754	1879	2004	2129	2279	2429	2629	2779	2979	3179	3379	3629	3879	4129	1,00
1183	1283	1383	1483	1608	1733	1858	1983	2108	2258	2408	2608	2758	2958	3158	3358	3608	3858	4108	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1159	1259	1359	1459	1584	1709	1834	1959	2084	2234	2384	2584	2734	2934	3134	3334	3584	3834	4084	1,00
1135	1235	1335	1435	1560	1685	1810	1935	2060	2210	2360	2560	2710	2910	3110	3310	3560	3810	4060	1,00
1104	1204	1304	1404	1529	1654	1779	1904	2029	2179	2329	2529	2679	2879	3079	3279	3529	3779	4029	1,00
1080	1180	1280	1380	1505	1630	1755	1880	2005	2155	2305	2505	2655	2855	3055	3255	3505	3755	4005	1,00
1049	1149	1249	1349	1474	1599	1724	1849	1974	2124	2274	2474	2624	2824	3024	3224	3474	3724	3974	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1018	1118	1218	1318	1443	1568	1693	1818	1943	2093	2243	2443	2593	2793	2993	3193	3443	3693	3943	1,00
986	1086	1186	1286	1411	1536	1661	1786	1911	2061	2211	2411	2561	2761	2961	3161	3411	3661	3911	1,00
947	1047	1147	1247	1372	1497	1622	1747	1872	2022	2172	2372	2522	2722	2922	3122	3372	3622	3872	1,00
908	1008	1108	1208	1333	1458	1583	1708	1833	1983	2133	2333	2483	2683	2883	3083	3333	3583	3833	1,00
869	969	1069	1169	1294	1419	1544	1669	1794	1944	2094	2294	2444	2644	2844	3044	3294	3544	3794	1,00
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
829	929	1029	1129	1254	1379	1504	1629	1754	1904	2054	2254	2404	2604	2804	3004	3254	3504	3754	1,00
1214	1314	1414	1514	1639	1764	1889	2014	2139	2289	2439	2639	2789	2989	3189	3389	3639	3889	4139	1,05
1092	1192	1292	1392	1517	1642	1767	1892	2017	2167	2317	2517	2667	2867	3067	3267	3517	3767	4017	1,05
810	910	1010	1110	1235	1360	1485	1610	1735	1885	2035	2235	2385	2585	2785	2985	3235	3485	3735	1,05
1252	1352	1452	1552	1677	1802	1927	2052	2177	2327	2477	2677	2827	3027	3227	3427	3677	3927	4177	1,06
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1233	1333	1433	1533	1658	1783	1908	2033	2158	2308	2458	2658	2808	3008	3208	3408	3658	3908	4158	1,06
1193	1293	1393	1493	1618	1743	1868	1993	2118	2268	2418	2618	2768	2968	3168	3368	3618	3868	4118	1,06
1171	1271	1371	1471	1596	1721	1846	1971	2096	2246	2396	2596	2746	2946	3146	3346	3596	3846	4096	1,06
1147	1247	1347	1447	1572	1697	1822	1947	2072	2222	2372	2572	2722	2922	3122	3322	3572	3822	4072	1,06
1065	1165	1265	1365	1490	1615	1740	1865	1990	2140	2290	2490	2640	2840	3040	3240	3490	3740	3990	1,06
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1033	1133	1233	1333	1458	1583	1708	1833	1958	2108	2258	2458	2608	2808	3008	3208	3458	3708	3958	1,06
1002	1102	1202	1302	1427	1552	1677	1802	1927	2077	2227	2427	2577	2777	2977	3177	3427	3677	3927	1,06
927	1027	1127	1227	1352	1477	1602	1727	1852	2002	2152	2352	2502	2702	2902	3102	3352	3602	3852	1,06
888	988	1088	1188	1313	1438	1563	1688	1813	1963	2113	2313	2463	2663	2863	3063	3313	3563	3813	1,06
849	949	1049	1149	1274	1399	1524	1649	1774	1924	2074	2274	2424	2624	2824	3024	3274	3524	3774	1,06
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1120	1220	1320	1420	1545	1670	1795	1920	2045	2195	2345	2545	2695	2895	3095	3295	3545	3795	4045	1,07
967	1067	1167	1267	1392	1517	1642	1767	1892	2042	2192	2392	2542	2742	2942	3142	3392	3642	3892	1,07
1223	1323	1423	1523	1648	1773	1898	2023	2148	2298	2448	2648	2798	2998	3198	3398	3648	3898	4148	1,11
829	929	1029	1129	1254	1379	1504	1629	1754	1904	2054	2254	2404	2604	2804	3004	3254	3504	3754	1,11
1242	1342	1442	1542	1667	1792	1917	2042	2167	2317	2467	2667	2817	3017	3217	3417	3667	3917	4167	1,12
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1203	1303	1403	1503	1628	1753	1878	2003	2128	2278	2428	2628	2778	2978	3178	3378	3628	3878	4128	1,12
1182	1282	1382	1482	1607	1732	1857	1982	2107	2257	2407	2607	2757	2957	3157	3357	3607	3857	4107	1,12
1159	1259	1359	1459	1584	1709	1834	1959	2084	2234	2384	2584	2734	2934	3134	3334	3584	3834	4084	1,12
1076	1176	1276	1376	1501	1626	1751	1876	2001	2151	2301	2501	2651	2851	3051	3251	3501	3751	4001	1,12
1017	1117	1217	1317	1443	1568	1693	1818	1943	2093	2243	2443	2593	2793	2993	3193	3443	3693	3943	1,12
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
868	968	1068	1168	1293	1418	1543	1668	1793	1943	2093	2293	2443	2643	2843	3043	3293	3543	3793	1,12
786	886	986	1086	1211	1336	1461	1586	1711	1861	2011	2211	2361	2561	2761	2961	3211	3461	3711	1,12
1131	1231	1331	1431	1556	1681	1806	1931	2056	2206	2356	2556	2706	2906	3106	3306	3556	3806	4056	1,13
1108	1208	1308	1408	1533	1658	1783	1908	2033	2183	2333	2533	2683	2883	3083	3283	3533	3783	4033	1,13
1049	1149	1249	1349	1474	1599	1724	1849	1974	2124	2274	2474	2624	2824	3024	3224	3474	3724	3974	1,13
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
982	1082	1182	1282	1407	1532	1657	1782	1907	2057	2207	2407	2557	2757	2957	3157	3407	3657	3907	1,13

SPC

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**0,85**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,13	375	425	—	—	1283	43,67	841	33,30	642	26,89	—	431	491	551	621	697	772	872
1,13	400	450	—	—	1283	46,87	841	36,20	642	29,29	—	—	452	512	582	657	732	832
1,18	200	236	—	—	1229	16,37	805	12,20	614	9,99	657	718	778	838	908	983	1058	1158
1,18	212	250	—	—	1229	18,07	805	13,45	614	10,99	637	697	757	817	887	962	1037	1137
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,18	224	265	—	—	1229	19,77	805	14,70	614	11,99	616	676	736	796	866	941	1016	1116
1,18	300	355	—	—	1229	32,47	805	24,20	614	19,49	485	545	605	665	735	810	885	985
1,18	425	500	—	—	1229	49,87	805	39,00	614	31,69	—	—	—	—	523	598	673	773
1,18	450	530	—	—	1229	52,57	805	41,70	614	33,99	—	—	—	—	—	554	629	730
1,18	475	560	—	—	1229	54,97	805	44,30	614	36,29	—	—	—	—	—	—	586	686
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,19	236	280	—	—	1218	21,97	798	16,22	609	13,23	595	655	715	775	845	920	995	1095
1,19	265	315	2395	31,67	1218	27,17	798	20,02	609	16,13	544	604	664	724	794	869	944	1044
1,19	315	375	—	—	1218	35,37	798	26,32	609	21,23	457	517	578	638	708	783	858	958
1,19	335	400	—	—	1218	38,47	798	28,82	609	23,23	422	482	542	602	672	747	822	922
1,19	400	475	—	—	1218	47,37	798	36,52	609	29,53	—	—	—	492	562	637	712	812
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,20	250	300	2375	29,37	1208	24,57	792	18,02	604	14,53	568	628	688	748	818	893	968	1068
1,20	280	335	—	—	1208	29,77	792	21,92	604	17,63	516	577	637	697	767	842	917	1017
1,20	355	425	—	—	1208	41,37	792	31,22	604	25,23	—	446	506	567	637	712	787	887
1,20	375	450	—	—	1208	44,17	792	33,62	604	27,13	—	—	471	531	601	676	751	852
1,24	450	560	—	—	1169	53,07	766	42,02	585	34,23	—	—	—	—	—	529	605	705
Arc—Length Correction Factor											**0,86**	**0,87**	**0,87**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,25	200	250	—	—	1160	16,87	760	12,52	580	10,23	646	706	766	826	896	971	1046	1146
1,25	212	265	—	—	1160	18,57	760	13,77	580	11,23	625	685	745	805	875	950	1025	1125
1,25	224	280	—	—	1160	20,27	760	15,02	580	12,23	604	664	724	784	854	929	1004	1104
1,25	300	375	—	—	1160	32,97	760	24,52	580	19,73	469	529	589	649	719	794	869	969
1,25	400	500	—	—	1160	47,37	760	36,52	580	29,53	—	—	—	471	541	616	692	792
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,87**	**0,89**	**0,90**	**0,91**
1,25	425	530	—	—	1160	50,37	760	39,32	580	31,93	—	—	—	—	498	573	648	748
1,26	250	315	2262	29,37	1151	24,57	754	18,02	575	14,53	556	616	676	736	806	881	956	1056
1,26	265	335	2262	31,67	1151	27,17	754	20,02	575	16,13	528	588	648	708	778	853	928	1028
1,27	236	300	—	—	1142	22,36	748	16,48	571	13,43	578	638	699	759	829	904	979	1079
1,27	280	355	—	—	1142	30,16	748	22,18	571	17,83	500	560	620	680	751	826	901	1001
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,92**
1,27	315	400	—	—	1142	35,76	748	26,58	571	21,43	437	497	557	617	687	763	838	938
1,27	335	425	—	—	1142	38,86	748	29,08	571	23,43	401	461	521	582	652	727	802	902
1,27	355	450	—	—	1142	41,76	748	31,48	571	25,43	—	425	486	546	616	691	767	867
1,27	375	475	—	—	1142	44,56	748	33,88	571	27,33	—	—	450	510	581	656	731	831
1,32	212	280	—	—	1098	18,96	720	14,03	549	11,43	613	673	733	793	863	938	1013	1113
Arc—Length Correction Factor											**0,83**	**0,86**	**0,86**	**0,87**	**0,87**	**0,88**	**0,88**	**0,91**
1,32	425	560	—	—	1098	50,76	720	39,58	549	32,13	—	—	—	—	—	548	623	724
1,33	475	630	—	—	1090	55,86	714	44,88	545	36,73	—	—	—	—	—	—	—	628
1,33	200	265	—	—	1090	17,26	714	12,78	545	10,43	634	694	754	814	884	959	1034	1135
1,33	236	315	—	—	1090	22,36	714	16,48	545	13,43	566	626	686	746	817	892	967	1067
1,33	300	400	—	—	1090	33,36	714	24,78	545	19,93	448	508	568	629	699	774	849	949
Arc—Length Correction Factor											**0,83**	**0,86**	**0,86**	**0,87**	**0,87**	**0,89**	**0,90**	**0,91**
1,33	375	500	—	—	1090	44,56	714	33,88	545	27,33	—	—	—	489	560	635	710	811
1,33	400	530	—	—	1090	47,76	714	36,78	545	29,73	—	—	—	—	516	591	667	767
1,34	224	300	—	—	1082	20,66	709	15,28	541	12,43	587	648	708	768	838	913	988	1088
1,34	250	335	2127	30,14	1082	24,96	709	18,28	541	14,73	539	599	659	720	790	865	940	1040
1,34	265	355	2127	32,44	1082	27,56	709	20,28	541	16,33	511	572	632	692	762	837	912	1012
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,92**
1,34	280	375	—	—	1082	30,16	709	22,18	541	17,83	483	544	604	664	734	809	885	985
1,34	335	450	—	—	1082	38,86	709	29,08	541	23,43	—	440	500	561	631	706	782	882

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
947	1047	1147	1247	1372	1497	1622	1747	1872	2022	2172	2372	2522	2722	2922	3122	3372	3622	3872	1,13
907	1007	1107	1207	1333	1458	1583	1708	1833	1983	2133	2333	2483	2683	2883	3083	3333	3583	3833	1,13
1233	1333	1433	1533	1658	1783	1908	2033	2158	2308	2458	2658	2808	3008	3208	3408	3658	3908	4158	1,18
1212	1312	1412	1512	1637	1762	1887	2012	2137	2287	2437	2637	2787	2987	3187	3387	3637	3887	4137	1,18
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1191	1291	1391	1491	1616	1741	1866	1991	2116	2266	2416	2616	2766	2966	3166	3366	3616	3866	4116	1,18
1060	1160	1261	1361	1486	1611	1736	1861	1986	2136	2286	2486	2636	2836	3036	3236	3486	3736	3986	1,18
848	948	1048	1148	1273	1398	1523	1648	1773	1924	2074	2274	2424	2624	2824	3024	3274	3524	3774	1,18
805	905	1005	1105	1230	1355	1480	1605	1730	1880	2030	2230	2380	2580	2780	2980	3230	3480	3730	1,18
761	861	962	1062	1187	1312	1437	1562	1687	1837	1987	2187	2337	2537	2737	2937	3187	3437	3687	1,18
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1170	1270	1370	1470	1595	1720	1845	1970	2095	2245	2395	2595	2745	2945	3145	3345	3595	3845	4095	1,19
1119	1219	1319	1419	1544	1670	1795	1920	2045	2195	2345	2545	2695	2895	3095	3295	3545	3795	4045	1,19
1033	1133	1233	1333	1458	1583	1708	1833	1958	2108	2258	2458	2608	2808	3008	3208	3458	3708	3958	1,19
997	1098	1198	1298	1423	1548	1673	1798	1923	2073	2223	2423	2573	2773	2973	3173	3423	3673	3923	1,19
887	987	1087	1188	1313	1438	1563	1688	1813	1963	2113	2313	2463	2663	2863	3063	3313	3563	3813	1,19
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1143	1243	1343	1443	1568	1693	1818	1943	2068	2218	2368	2568	2718	2918	3118	3318	3568	3818	4068	1,20
1092	1192	1292	1392	1517	1642	1767	1892	2017	2167	2317	2517	2667	2867	3067	3267	3517	3767	4017	1,20
962	1062	1162	1262	1387	1512	1637	1762	1887	2037	2187	2387	2537	2737	2937	3138	3388	3638	3888	1,20
927	1027	1127	1227	1352	1477	1602	1727	1852	2002	2152	2352	2502	2702	2902	3102	3352	3602	3852	1,20
780	880	981	1081	1206	1331	1456	1581	1706	1856	2006	2206	2357	2557	2757	2957	3207	3457	3707	1,24
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1221	1322	1422	1522	1647	1772	1897	2022	2147	2297	2447	2647	2797	2997	3197	3397	3647	3897	4147	1,25
1200	1300	1400	1500	1625	1750	1875	2000	2125	2275	2425	2625	2775	2975	3175	3375	3625	3875	4125	1,25
1179	1279	1379	1479	1604	1729	1854	1979	2104	2254	2404	2604	2754	2954	3154	3354	3604	3854	4104	1,25
1044	1145	1245	1345	1470	1595	1720	1845	1970	2120	2270	2470	2620	2820	3020	3220	3470	3720	3970	1,25
867	967	1067	1167	1293	1418	1543	1668	1793	1943	2093	2293	2443	2643	2843	3043	3293	3543	3793	1,25
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
824	924	1024	1124	1249	1374	1499	1624	1750	1900	2050	2250	2400	2600	2800	3000	3250	3500	3750	1,25
1131	1231	1331	1431	1556	1681	1806	1931	2056	2206	2356	2556	2706	2906	3106	3306	3556	3806	4056	1,26
1103	1203	1304	1404	1529	1654	1779	1904	2029	2179	2329	2529	2679	2879	3079	3279	3529	3779	4029	1,26
1154	1254	1354	1454	1579	1704	1829	1954	2079	2229	2379	2579	2729	2929	3129	3329	3579	3829	4079	1,27
1076	1176	1276	1376	1501	1626	1751	1876	2001	2151	2301	2501	2651	2851	3051	3251	3501	3751	4001	1,27
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1013	1113	1213	1313	1438	1563	1688	1813	1938	2088	2238	2438	2588	2788	2988	3188	3438	3688	3938	1,27
977	1077	1178	1278	1403	1528	1653	1778	1903	2053	2203	2403	2553	2753	2953	3153	3403	3653	3903	1,27
942	1042	1142	1242	1367	1492	1617	1742	1867	2018	2168	2368	2518	2718	2918	3118	3368	3618	3868	1,27
906	1007	1107	1207	1332	1457	1582	1707	1832	1982	2132	2332	2482	2682	2882	3082	3332	3582	3832	1,27
1188	1288	1388	1488	1613	1738	1863	1988	2114	2264	2414	2614	2764	2964	3164	3364	3614	3864	4114	1,32
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
799	899	999	1100	1225	1350	1475	1600	1725	1876	2026	2226	2376	2576	2776	2976	3226	3476	3726	1,32
703	804	904	1005	1130	1255	1380	1506	1631	1781	1931	2131	2281	2481	2681	2882	3132	3382	3632	1,33
1210	1310	1410	1510	1635	1760	1885	2010	2135	2285	2435	2635	2785	2985	3185	3385	3635	3885	4135	1,33
1142	1242	1342	1442	1567	1692	1817	1942	2067	2217	2367	2567	2717	2917	3117	3317	3567	3817	4067	1,33
1024	1124	1224	1325	1450	1575	1700	1825	1950	2100	2250	2450	2600	2800	3000	3200	3450	3700	3950	1,33
0,92	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
886	986	1086	1186	1312	1437	1562	1687	1812	1962	2112	2312	2462	2662	2862	3062	3313	3563	3813	1,33
842	943	1043	1143	1268	1393	1519	1644	1769	1919	2069	2269	2419	2619	2819	3019	3269	3519	3769	1,33
1163	1263	1363	1463	1588	1713	1838	1963	2088	2238	2388	2588	2738	2938	3138	3338	3588	3838	4088	1,34
1115	1215	1315	1415	1540	1665	1790	1915	2040	2190	2340	2540	2690	2890	3090	3291	3541	3791	4041	1,34
1087	1187	1288	1388	1513	1638	1763	1888	2013	2163	2313	2513	2663	2863	3063	3263	3513	3763	4013	1,34
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1060	1160	1260	1360	1485	1610	1735	1860	1985	2135	2285	2485	2635	2835	3035	3235	3486	3736	3986	1,34
957	1057	1157	1257	1383	1508	1633	1758	1883	2033	2183	2383	2533	2733	2933	3133	3383	3633	3883	1,34

SPC

Power Ratings

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,92**
1,34	355	475	—	—	1082	41,76	709	31,48	541	25,43	—	—	465	525	595	671	746	846
1,35	315	425	—	—	1074	35,76	704	26,58	537	21,43	415	476	536	597	667	742	817	917
1,40	450	630	—	—	1036	53,85	679	42,54	518	34,62	—	—	—	—	—	—	545	646
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,88**	**0,90**	**0,90**	**0,91**	**0,92**
1,40	200	280	—	—	1036	17,65	679	13,04	518	10,62	622	682	742	802	872	947	1022	1122
1,40	400	560	—	—	1036	48,15	679	37,04	518	29,92	—	—	—	—	490	566	641	742
1,41	224	315	—	—	1028	21,05	674	15,54	514	12,62	575	635	695	756	826	901	976	1076
1,41	355	500	—	—	1028	42,15	674	31,74	514	25,62	—	—	443	504	574	650	725	826
1,41	375	530	—	—	1028	44,95	674	34,14	514	27,52	—	—	—	463	534	610	685	786
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,90**	**0,91**	**0,92**
1,42	212	300	—	—	1021	19,35	669	14,29	511	11,62	596	657	717	777	847	922	997	1097
1,42	236	335	—	—	1021	22,75	669	16,74	511	13,62	550	610	670	730	800	875	950	1051
1,42	250	355	2007	30,91	1021	25,35	669	18,54	511	14,92	522	583	643	703	773	848	924	1024
1,42	265	375	2007	33,21	1021	27,95	669	20,54	511	16,52	495	555	615	675	746	821	896	996
1,42	300	425	—	—	1021	33,75	669	25,04	511	20,12	426	487	547	608	678	753	829	929
Arc—Length Correction Factor											**0,83**	**0,84**	**0,84**	**0,85**	**0,87**	**0,87**	**0,90**	**0,91**
1,42	335	475	—	—	1021	39,25	669	29,34	511	23,62	—	418	479	540	610	686	761	861
1,43	280	400	—	—	1014	30,55	664	22,44	507	18,02	462	523	583	643	714	789	864	964
1,43	315	450	—	—	1014	36,15	664	26,84	507	21,62	394	454	515	576	646	721	797	897
1,48	425	630	—	—	980	51,15	642	39,84	490	32,32	—	—	—	—	—	—	562	664
1,49	475	710	—	—	973	56,25	638	45,14	487	36,92	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,92**
1,49	212	315	—	—	973	19,35	638	14,29	487	11,62	584	644	704	765	835	910	985	1085
1,49	335	500	—	—	973	39,25	638	29,34	487	23,62	—	—	457	518	589	664	740	840
1,49	355	530	—	—	973	42,15	638	31,74	487	25,62	—	—	—	477	548	624	700	800
1,49	375	560	—	—	973	44,95	638	34,14	487	27,52	—	—	—	—	508	584	660	760
1,50	200	300	—	—	967	17,65	633	13,04	483	10,62	605	666	726	786	856	931	1006	1106
Arc—Length Correction Factor											**0,85**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,91**
1,50	224	335	—	—	967	21,05	633	15,54	483	12,62	558	619	679	739	809	884	960	1060
1,50	236	355	—	—	967	22,75	633	16,74	483	13,62	533	593	653	714	784	859	934	1034
1,50	250	375	1900	30,91	967	25,35	633	18,54	483	14,92	506	566	626	687	757	832	907	1007
1,50	300	450	—	—	967	33,75	633	25,04	483	20,12	404	465	526	586	657	732	808	908
1,51	265	400	1887	33,21	960	27,95	629	20,54	480	16,52	473	534	594	654	725	800	875	976
Arc—Length Correction Factor											**0,83**	**0,84**	**0,84**	**0,85**	**0,87**	**0,87**	**0,88**	**0,91**
1,51	315	475	—	—	960	36,15	629	26,84	480	21,62	—	432	493	554	625	700	776	876
1,52	280	425	—	—	954	30,55	625	22,44	477	18,02	441	501	562	622	693	768	843	944
1,58	450	710	—	—	918	54,18	601	42,75	459	34,79	—	—	—	—	—	—	—	—
1,58	400	630	—	—	918	48,48	601	37,25	459	30,09	—	—	—	—	—	—	580	682
1,58	200	315	—	—	918	17,98	601	13,25	459	10,79	593	653	713	774	844	919	994	1094
Arc—Length Correction Factor											**0,83**	**0,86**	**0,86**	**0,87**	**0,89**	**0,89**	**0,90**	**0,91**
1,58	212	335	—	—	918	19,68	601	14,50	459	11,79	567	628	688	748	818	893	969	1069
1,58	224	355	—	—	918	21,38	601	15,75	459	12,79	542	602	662	723	793	868	943	1043
1,58	300	475	—	—	918	34,08	601	25,25	459	20,29	—	443	504	565	636	711	787	887
1,58	335	530	—	—	918	39,58	601	29,55	459	23,79	—	—	—	491	563	639	714	815
1,58	355	560	—	—	918	42,48	601	31,95	459	25,79	—	—	—	—	522	598	674	775
Arc—Length Correction Factor											**0,83**	**0,84**	**0,84**	**0,87**	**0,89**	**0,89**	**0,90**	**0,91**
1,59	236	375	—	—	912	23,08	597	16,95	456	13,79	516	576	637	697	767	842	918	1018
1,59	315	500	—	—	912	36,48	597	27,05	456	21,79	—	410	471	532	603	679	755	855
1,60	250	400	1781	31,56	906	25,68	594	18,75	453	15,09	484	545	605	666	736	811	887	987
1,60	265	425	1781	33,86	906	28,28	594	20,75	453	16,69	451	512	573	633	704	779	855	955
1,61	280	450	—	—	901	30,88	590	22,65	450	18,19	418	479	540	601	672	747	823	923
Arc—Length Correction Factor											**0,80**	**0,82**	**0,82**	**0,84**	**0,86**	**0,86**	**0,88**	**0,89**
1,67	425	710	—	—	868	51,48	569	40,05	434	32,49	—	—	—	—	—	—	—	592
1,67	212	355	—	—	868	19,68	569	14,50	434	11,79	550	611	671	731	802	877	952	1052
1,67	224	375	—	—	868	21,38	569	15,75	434	12,79	524	585	645	706	776	851	927	1027

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
921	1022	1122	1222	1347	1472	1597	1722	1847	1998	2148	2348	2498	2698	2898	3098	3348	3598	3848	1,34
993	1093	1193	1293	1418	1543	1668	1793	1918	2068	2218	2418	2569	2769	2969	3169	3419	3669	3919	1,35
722	822	923	1023	1149	1274	1399	1525	1650	1800	1950	2150	2300	2501	2701	2901	3151	3401	3651	1,40
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1198	1298	1398	1498	1623	1748	1873	1998	2123	2273	2423	2623	2773	2973	3173	3373	3623	3873	4123	1,40
817	918	1018	1119	1244	1369	1494	1619	1745	1895	2045	2245	2395	2595	2795	2995	3245	3495	3746	1,40
1151	1251	1351	1451	1576	1701	1826	1951	2076	2226	2376	2576	2727	2927	3127	3327	3577	3827	4077	1,41
901	1001	1101	1202	1327	1452	1577	1702	1827	1977	2128	2328	2478	2678	2878	3078	3328	3578	3828	1,41
861	961	1062	1162	1287	1412	1538	1663	1788	1938	2088	2288	2438	2638	2839	3039	3289	3539	3789	1,41
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1172	1272	1372	1472	1597	1723	1848	1973	2098	2248	2398	2598	2748	2948	3148	3348	3598	3848	4098	1,42
1126	1226	1326	1426	1551	1676	1801	1926	2051	2201	2351	2551	2701	2901	3101	3301	3551	3801	4051	1,42
1099	1199	1299	1399	1524	1649	1774	1899	2024	2174	2324	2525	2675	2875	3075	3275	3525	3775	4025	1,42
1071	1171	1271	1371	1497	1622	1747	1872	1997	2147	2297	2497	2647	2847	3047	3247	3497	3747	3997	1,42
1004	1104	1204	1304	1430	1555	1680	1805	1930	2080	2230	2430	2580	2780	2980	3180	3430	3680	3930	1,42
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
937	1037	1137	1237	1362	1488	1613	1738	1863	2013	2163	2363	2513	2713	2913	3113	3363	3613	3864	1,42
1039	1140	1240	1340	1465	1590	1715	1840	1965	2115	2265	2465	2616	2816	3016	3216	3466	3716	3966	1,43
972	1072	1173	1273	1398	1523	1648	1773	1898	2048	2198	2399	2549	2749	2949	3149	3399	3649	3899	1,43
740	841	941	1042	1167	1293	1418	1543	1669	1819	1969	2169	2320	2520	2720	2920	3170	3420	3670	1,48
634	735	837	937	1063	1189	1315	1440	1565	1716	1866	2066	2217	2417	2617	2817	3068	3318	3568	1,49
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1160	1260	1360	1460	1585	1711	1836	1961	2086	2236	2386	2586	2736	2936	3136	3336	3586	3836	4086	1,49
916	1016	1116	1217	1342	1467	1592	1718	1843	1993	2143	2343	2493	2693	2893	3093	3344	3594	3844	1,49
876	976	1077	1177	1302	1428	1553	1678	1803	1953	2103	2304	2454	2654	2854	3054	3304	3554	3804	1,49
836	936	1037	1137	1263	1388	1513	1638	1764	1914	2064	2264	2414	2614	2815	3015	3265	3515	3765	1,49
1181	1282	1382	1482	1607	1732	1857	1982	2107	2257	2407	2607	2757	2957	3157	3357	3607	3857	4107	1,50
0,93	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1135	1235	1335	1435	1560	1685	1810	1935	2060	2210	2361	2561	2711	2911	3111	3311	3561	3811	4061	1,50
1109	1210	1310	1410	1535	1660	1785	1910	2035	2185	2335	2535	2685	2885	3085	3286	3536	3786	4036	1,50
1083	1183	1283	1383	1508	1633	1758	1883	2008	2158	2309	2509	2659	2859	3059	3259	3509	3759	4009	1,50
983	1084	1184	1284	1409	1534	1660	1785	1910	2060	2210	2410	2560	2760	2960	3160	3410	3660	3911	1,50
1051	1151	1251	1351	1476	1602	1727	1852	1977	2127	2277	2477	2627	2827	3027	3227	3477	3727	3977	1,51
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
951	1052	1152	1252	1378	1503	1628	1753	1878	2028	2178	2379	2529	2729	2929	3129	3379	3629	3879	1,51
1019	1119	1219	1320	1445	1570	1695	1820	1945	2095	2245	2446	2596	2796	2996	3196	3446	3696	3946	1,52
651	753	855	956	1082	1207	1333	1459	1584	1735	1885	2085	2236	2436	2636	2836	3087	3337	3587	1,58
758	859	960	1060	1186	1311	1437	1562	1688	1838	1988	2188	2339	2539	2739	2939	3189	3440	3690	1,58
1169	1269	1370	1470	1595	1720	1845	1970	2095	2245	2395	2595	2745	2945	3145	3345	3595	3845	4095	1,58
0,92	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1144	1244	1344	1444	1569	1694	1820	1945	2070	2220	2370	2570	2720	2920	3120	3320	3570	3820	4070	1,58
1119	1219	1319	1419	1544	1669	1794	1919	2044	2195	2345	2545	2695	2895	3095	3295	3545	3795	4045	1,58
963	1063	1163	1264	1389	1514	1639	1764	1890	2040	2190	2390	2540	2740	2940	3140	3390	3641	3891	1,58
891	991	1092	1192	1317	1443	1568	1693	1818	1969	2119	2319	2469	2669	2869	3069	3320	3570	3820	1,58
851	951	1052	1152	1278	1403	1528	1654	1779	1929	2079	2279	2430	2630	2830	3030	3280	3530	3780	1,58
0,92	**0,93**	**0,94**	**0,96**	**0,97**	**0,98**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1093	1193	1293	1394	1519	1644	1769	1894	2019	2169	2319	2519	2669	2870	3070	3270	3520	3770	4020	1,59
931	1031	1131	1232	1357	1482	1608	1733	1858	2008	2158	2358	2509	2709	2909	3109	3359	3609	3859	1,59
1062	1162	1263	1363	1488	1613	1738	1863	1988	2138	2289	2489	2639	2839	3039	3239	3489	3739	3989	1,60
1030	1131	1231	1331	1456	1581	1706	1832	1957	2107	2257	2457	2607	2807	3007	3207	3457	3707	3958	1,60
998	1099	1199	1299	1424	1550	1675	1800	1925	2075	2225	2425	2576	2776	2976	3176	3426	3676	3926	1,61
0,90	**0,90**	**0,91**	**0,93**	**0,94**	**0,95**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
669	771	872	974	1100	1226	1352	1477	1603	1753	1904	2104	2255	2455	2655	2855	3106	3356	3606	1,67
1128	1228	1328	1428	1553	1678	1803	1929	2054	2204	2354	2554	2704	2904	3104	3304	3554	3804	4054	1,67
1102	1202	1303	1403	1528	1653	1778	1903	2028	2178	2329	2529	2679	2879	3079	3279	3529	3779	4029	1,67

SPC

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**0,80**	**0,82**	**0,82**	**0,84**	**0,86**	**0,86**	**0,88**	**0,89**
1,67	300	500	—	—	868	34,08	569	25,25	434	20,29	—	420	482	543	614	690	765	866
1,67	335	560	—	—	868	39,58	569	29,55	434	23,79	—	—	—	464	536	612	688	789
Arc—Length Correction Factor											**0,80**	**0,81**	**0,82**	**0,83**	**0,86**	**0,86**	**0,87**	**0,88**
1,68	475	800	—	—	863	56,58	565	45,35	432	37,09	—	—	—	—	—	—	—	—
1,68	375	630	—	—	863	45,28	565	34,35	432	27,69	—	—	—	—	—	520	597	699
1,68	200	335	—	—	863	17,98	565	13,25	432	10,79	576	636	697	757	827	903	978	1078
1,68	315	530	—	—	863	36,48	565	27,05	432	21,79	—	—	444	505	577	653	729	830
1,69	236	400	—	—	858	23,08	562	16,95	429	13,79	494	555	615	676	746	822	897	997
Arc—Length Correction Factor											**0,83**	**0,84**	**0,84**	**0,85**	**0,87**	**0,87**	**0,88**	**0,91**
1,70	250	425	1676	31,56	853	25,68	559	18,75	426	15,09	462	523	584	644	715	790	866	966
1,70	265	450	1676	33,86	853	28,28	559	20,75	426	16,69	429	490	551	612	682	758	834	934
1,70	280	475	—	—	853	30,88	559	22,65	426	18,19	395	457	518	579	650	726	801	902
1,77	355	630	—	—	819	42,48	537	31,95	410	25,79	—	—	—	—	—	534	611	714
1,77	212	375	—	—	819	19,68	537	14,50	410	11,79	533	594	654	715	785	860	936	1036
Arc—Length Correction Factor											**0,81**	**0,81**	**0,81**	**0,83**	**0,86**	**0,86**	**0,87**	**0,89**
1,77	300	530	—	—	819	34,08	537	25,25	410	20,29	—	—	454	516	587	663	740	841
1,78	450	800	—	—	815	54,18	534	42,75	407	34,79	—	—	—	—	—	—	—	—
1,78	400	710	—	—	815	48,48	534	37,25	407	30,09	—	—	—	—	—	—	—	609
1,78	200	355	—	—	815	17,98	534	13,25	407	10,79	559	619	680	740	811	886	961	1061
1,78	315	560	—	—	815	36,48	534	27,05	407	21,79	—	—	—	477	549	626	702	804
Arc—Length Correction Factor											**0,83**	**0,84**	**0,84**	**0,85**	**0,87**	**0,87**	**0,90**	**0,91**
1,79	224	400	—	—	810	21,38	531	15,75	405	12,79	502	563	624	685	755	830	906	1006
1,79	265	475	1592	33,86	810	28,28	531	20,75	405	16,69	406	467	529	590	661	737	812	913
1,79	280	500	—	—	810	30,88	531	22,65	405	18,19	—	434	495	557	628	704	780	881
1,80	236	425	—	—	806	23,08	528	16,95	403	13,79	472	533	594	654	725	801	876	977
1,80	250	450	1583	31,56	806	25,68	528	18,75	403	15,09	439	501	562	622	693	769	845	945
Arc—Length Correction Factor											**0,81**	**0,82**	**0,84**	**0,84**	**0,85**	**0,85**	**0,87**	**0,88**
1,87	300	560	—	—	775	34,08	508	25,25	388	20,29	—	—	—	488	560	637	713	815
1,88	425	800	—	—	771	51,48	505	40,05	386	32,49	—	—	—	—	—	—	—	—
1,88	335	630	—	—	771	39,58	505	29,55	386	23,79	—	—	—	—	—	548	625	728
1,88	200	375	—	—	771	17,98	505	13,25	386	10,79	542	602	663	723	794	869	945	1045
1,89	475	900	—	—	767	56,58	503	45,35	384	37,09	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,78**	**0,81**	**0,81**	**0,83**	**0,85**	**0,86**	**0,87**	**0,88**
1,89	375	710	—	—	767	45,28	503	34,35	384	27,69	—	—	—	—	—	—	—	626
1,89	212	400	—	—	767	19,68	503	14,50	384	11,79	511	572	633	693	764	839	915	1015
1,89	265	500	1508	33,86	767	28,28	503	20,75	384	16,69	—	444	506	567	639	715	791	892
1,89	280	530	—	—	767	30,88	503	22,65	384	18,19	—	—	467	529	601	678	754	855
1,90	224	425	—	—	763	21,38	500	15,75	382	12,79	480	541	602	663	734	809	885	985
Arc—Length Correction Factor											**0,80**	**0,82**	**0,82**	**0,84**	**0,86**	**0,86**	**0,88**	**0,89**
1,90	250	475	1500	31,56	763	25,68	500	18,75	382	15,09	416	478	539	600	671	747	823	924
1,91	236	450	—	—	759	23,08	497	16,95	380	13,79	449	510	571	632	703	779	855	955
2,00	450	900	—	—	725	54,45	475	42,93	363	33,30	—	—	—	—	—	—	—	—
2,00	400	800	—	—	725	48,75	475	37,43	363	28,60	—	—	—	—	—	—	—	—
2,00	355	710	—	—	725	42,75	475	32,13	363	24,30	—	—	—	—	—	—	535	639
Arc—Length Correction Factor											**0,78**	**0,81**	**0,82**	**0,83**	**0,83**	**0,84**	**0,86**	**0,86**
2,00	315	630	—	—	725	36,75	475	27,23	363	20,30	—	—	—	—	482	561	639	741
2,00	200	400	—	—	725	18,25	475	13,43	363	9,30	519	580	641	702	773	848	924	1024
2,00	212	425	—	—	725	19,95	475	14,68	363	10,30	488	550	611	672	742	818	894	994
2,00	250	500	1425	32,08	725	25,95	475	18,93	363	13,60	391	454	516	578	649	725	802	903
2,00	265	530	1425	34,38	725	28,55	475	20,93	363	15,20	—	415	478	540	612	688	764	866
Arc—Length Correction Factor											**0,78**	**0,81**	**0,82**	**0,82**	**0,85**	**0,85**	**0,87**	**0,88**
2,00	280	560	—	—	725	31,15	475	22,83	363	16,70	—	—	438	501	574	651	727	829
2,01	224	450	—	—	721	21,65	473	15,93	361	11,30	457	519	580	641	712	788	864	964
2,01	236	475	—	—	721	23,35	473	17,13	361	12,30	425	487	549	610	681	757	833	934
2,10	300	630	—	—	690	34,35	452	25,43	345	18,80	—	—	—	—	492	571	649	752

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,90	**0,90**	**0,91**	**0,93**	**0,94**	**0,95**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
942	1042	1143	1243	1368	1494	1619	1744	1869	2020	2170	2370	2520	2720	2920	3120	3371	3621	3871	1,67
865	966	1066	1167	1293	1418	1543	1669	1794	1944	2094	2295	2445	2645	2845	3045	3296	3546	3796	1,67
0,90	**0,91**	**0,92**	**0,92**	**0,93**	**0,95**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	
—	654	757	859	986	1112	1238	1364	1490	1641	1792	1992	2143	2343	2544	2744	2995	3245	3495	1,68
776	877	978	1079	1204	1330	1455	1581	1706	1857	2007	2207	2358	2558	2758	2958	3209	3459	3709	1,68
1153	1253	1353	1453	1579	1704	1829	1954	2079	2229	2379	2579	2729	2929	3129	3329	3579	3829	4079	1,68
905	1006	1106	1207	1332	1458	1583	1708	1834	1984	2134	2334	2484	2685	2885	3085	3335	3585	3835	1,68
1073	1173	1273	1373	1498	1624	1749	1874	1999	2149	2299	2499	2649	2850	3050	3250	3500	3750	4000	1,69
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1041	1142	1242	1342	1468	1593	1718	1843	1968	2118	2268	2469	2619	2819	3019	3219	3469	3719	3969	1,70
1009	1110	1210	1310	1436	1561	1686	1811	1937	2087	2237	2437	2587	2787	2987	3187	3437	3688	3938	1,70
977	1078	1178	1279	1404	1529	1654	1780	1905	2055	2205	2405	2555	2756	2956	3156	3406	3656	3906	1,70
790	891	992	1093	1219	1345	1470	1596	1721	1872	2022	2223	2373	2573	2773	2974	3224	3474	3724	1,77
1111	1211	1312	1412	1537	1662	1787	1912	2038	2188	2338	2538	2688	2888	3088	3288	3538	3788	4038	1,77
0,90	**0,91**	**0,92**	**0,95**	**0,96**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
916	1017	1118	1218	1344	1469	1594	1720	1845	1995	2145	2346	2496	2696	2896	3096	3346	3597	3847	1,77
—	671	774	876	1003	1130	1257	1383	1509	1660	1810	2011	2162	2362	2563	2763	3014	3264	3514	1,78
686	788	890	992	1118	1244	1370	1496	1621	1772	1922	2123	2273	2474	2674	2874	3125	3375	3625	1,78
1137	1237	1337	1437	1562	1688	1813	1938	2063	2213	2363	2563	2713	2913	3113	3313	3563	3814	4064	1,78
880	980	1081	1182	1307	1433	1558	1684	1809	1959	2110	2310	2460	2660	2861	3061	3311	3561	3811	1,78
0,92	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,97**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1082	1182	1282	1382	1508	1633	1758	1883	2008	2158	2308	2509	2659	2859	3059	3259	3509	3759	4009	1,79
989	1089	1189	1290	1415	1541	1666	1791	1916	2066	2217	2417	2567	2767	2967	3167	3417	3668	3918	1,79
956	1057	1157	1258	1383	1509	1634	1759	1884	2035	2185	2385	2535	2735	2936	3136	3386	3636	3886	1,79
1052	1152	1253	1353	1478	1603	1729	1854	1979	2129	2279	2479	2629	2830	3030	3230	3480	3730	3980	1,80
1021	1121	1221	1322	1447	1572	1698	1823	1948	2098	2248	2448	2599	2799	2999	3199	3449	3699	3949	1,80
0,90	**0,91**	**0,92**	**0,93**	**0,96**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
890	991	1092	1193	1318	1444	1570	1695	1820	1971	2121	2321	2471	2672	2872	3072	3322	3573	3823	1,87
—	688	791	894	1021	1148	1275	1401	1527	1678	1829	2030	2180	2381	2582	2782	3033	3283	3533	1,88
804	905	1007	1108	1234	1359	1485	1611	1736	1887	2037	2238	2388	2588	2789	2989	3239	3489	3740	1,88
1120	1220	1321	1421	1546	1671	1796	1922	2047	2197	2347	2547	2697	2897	3097	3297	3548	3798	4048	1,88
—	—	—	766	895	1024	1151	1278	1405	1556	1707	1909	2060	2261	2461	2662	2913	3163	3414	1,89
0,89	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
703	806	908	1009	1136	1262	1388	1514	1640	1790	1941	2142	2292	2493	2693	2893	3144	3394	3644	1,89
1091	1191	1291	1391	1517	1642	1767	1892	2017	2168	2318	2518	2668	2868	3068	3268	3518	3768	4018	1,89
967	1068	1169	1269	1395	1520	1645	1771	1896	2046	2196	2397	2547	2747	2947	3147	3397	3648	3898	1,89
931	1032	1132	1233	1358	1484	1609	1735	1860	2010	2161	2361	2511	2711	2911	3112	3362	3612	3862	1,89
1061	1161	1262	1362	1487	1612	1738	1863	1988	2138	2288	2489	2639	2839	3039	3239	3489	3739	3989	1,90
0,90	**0,91**	**0,94**	**0,95**	**0,96**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,03**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
1000	1100	1201	1301	1426	1552	1677	1802	1928	2078	2228	2428	2578	2779	2979	3179	3429	3679	3929	1,90
1031	1131	1232	1332	1458	1583	1708	1833	1959	2109	2259	2459	2609	2809	3010	3210	3460	3710	3960	1,91
—	—	678	783	913	1041	1169	1296	1422	1574	1726	1927	2078	2279	2480	2681	2932	3182	3433	2,00
—	705	808	911	1039	1166	1293	1419	1545	1696	1847	2048	2199	2400	2600	2801	3051	3302	3552	2,00
717	820	922	1024	1150	1277	1403	1529	1654	1805	1956	2157	2307	2508	2708	2909	3159	3409	3660	2,00
0,89	**0,90**	**0,91**	**0,93**	**0,94**	**0,95**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,07**	**1,08**	**1,09**	
818	920	1021	1122	1248	1374	1500	1626	1751	1902	2052	2253	2403	2603	2804	3004	3254	3505	3755	2,00
1099	1200	1300	1400	1526	1651	1776	1901	2027	2177	2327	2527	2677	2877	3077	3277	3528	3778	4028	2,00
1070	1170	1270	1371	1496	1621	1747	1872	1997	2147	2297	2498	2648	2848	3048	3248	3498	3748	3999	2,00
978	1079	1180	1280	1406	1531	1657	1782	1907	2057	2208	2408	2558	2758	2959	3159	3409	3659	3909	2,00
942	1043	1143	1244	1370	1495	1621	1746	1871	2022	2172	2372	2522	2723	2923	3123	3373	3624	3874	2,00
0,89	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
905	1006	1107	1207	1333	1459	1584	1710	1835	1986	2136	2336	2487	2687	2887	3087	3338	3588	3838	2,00
1040	1140	1241	1341	1467	1592	1717	1842	1968	2118	2268	2468	2618	2819	3019	3219	3469	3719	3969	2,01
1010	1110	1211	1311	1437	1562	1688	1813	1938	2088	2239	2439	2589	2789	2989	3190	3440	3690	3940	2,01
829	930	1032	1133	1259	1385	1511	1637	1762	1913	2063	2264	2414	2615	2815	3015	3266	3516	3766	2,10

SPC

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**0,78**	**0,81**	**0,82**	**0,82**	**0,85**	**0,85**	**0,87**	**0,88**
2,11	475	1000	—	—	687	56,85	450	45,53	344	35,60	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,78**	**0,81**	**0,81**	**0,82**	**0,84**	**0,85**	**0,87**	**0,88**
2,11	265	560	1351	34,38	687	28,55	450	20,93	344	15,20	—	—	448	511	584	661	738	839
2,12	425	900	—	—	684	51,75	448	40,23	342	31,00	—	—	—	—	—	—	—	—
2,12	335	710	—	—	684	39,85	448	29,73	342	22,30	—	—	—	—	—	—	548	653
2,12	212	450	—	—	684	19,95	448	14,68	342	10,30	465	527	588	649	721	796	872	973
2,12	224	475	—	—	684	21,65	448	15,93	342	11,30	433	495	557	619	690	766	842	943
Arc—Length Correction Factor											**0,78**	**0,81**	**0,81**	**0,83**	**0,85**	**0,86**	**0,87**	**0,89**
2,12	236	500	—	—	684	23,35	448	17,13	342	12,30	400	463	526	587	659	735	812	913
2,12	250	530	1344	32,08	684	25,95	448	18,93	342	13,60	—	425	488	550	622	699	775	877
2,13	375	800	—	—	681	45,55	446	34,53	340	26,20	—	—	—	—	—	—	—	—
2,13	200	425	—	—	681	18,25	446	13,43	340	9,30	497	558	619	680	751	827	902	1003
2,22	450	1000	—	—	653	54,45	428	42,93	327	33,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,78**	**0,81**	**0,81**	**0,83**	**0,85**	**0,86**	**0,87**	**0,89**
2,23	224	500	—	—	650	21,65	426	15,93	325	11,30	408	471	534	596	667	744	820	921
2,24	212	475	—	—	647	19,95	424	14,68	324	10,30	441	504	565	627	698	775	851	952
2,24	250	560	1272	32,08	647	25,95	424	18,93	324	13,60	—	—	458	521	594	671	748	850
2,25	400	900	—	—	644	48,75	422	37,43	322	28,60	—	—	—	—	—	—	—	—
2,25	355	800	—	—	644	42,75	422	32,13	322	24,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,75**	**0,77**	**0,79**	**0,80**	**0,84**	**0,85**	**0,86**	**0,87**
2,25	315	710	—	—	644	36,75	422	27,23	322	20,30	—	—	—	—	—	—	561	666
2,25	280	630	—	—	644	31,15	422	22,83	322	16,70	—	—	—	—	505	584	663	766
2,25	200	450	—	—	644	18,25	422	13,43	322	9,30	473	535	597	658	729	805	881	982
2,25	236	530	—	—	644	23,35	422	17,13	322	12,30	—	434	497	559	632	708	785	887
2,35	425	1000	—	—	617	51,75	404	40,23	309	31,00	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,56**	**0,64**	**0,70**	**0,72**	**0,77**	**0,78**	**0,81**	**0,84**
2,36	475	1120	—	—	614	56,85	403	45,53	307	35,60	—	—	—	—	—	—	—	—
2,36	212	500	—	—	614	19,95	403	14,68	307	10,30	416	479	542	604	676	752	829	930
2,37	300	710	—	—	612	34,35	401	25,43	306	18,80	—	—	—	—	—	—	570	676
2,37	224	530	—	—	612	21,65	401	15,93	306	11,30	—	442	505	567	640	717	793	895
2,37	236	560	—	—	612	23,35	401	17,13	306	12,30	—	403	467	530	603	681	758	860
Arc—Length Correction Factor											**0,75**	**0,77**	**0,79**	**0,82**	**0,84**	**0,85**	**0,86**	**0,86**
2,38	265	630	1197	34,38	609	28,55	399	20,93	305	15,20	—	—	—	—	515	594	673	776
2,38	200	475	—	—	609	18,25	399	13,43	305	9,30	449	512	574	635	707	783	859	960
2,39	335	800	—	—	607	39,85	397	29,73	303	22,30	—	—	—	—	—	—	—	—
2,40	375	900	—	—	604	45,55	396	34,53	302	26,20	—	—	—	—	—	—	—	—
2,49	450	1120	—	—	582	54,45	382	42,93	291	33,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,60**	**0,67**	**0,71**	**0,75**	**0,78**	**0,80**	**0,81**	**0,84**
2,50	400	1000	—	—	580	48,75	380	37,43	290	28,60	—	—	—	—	—	—	—	—
2,50	200	500	—	—	580	18,25	380	13,43	290	9,30	424	487	550	612	684	761	837	939
2,50	212	530	—	—	580	19,95	380	14,68	290	10,30	385	449	513	576	648	725	802	904
2,50	224	560	—	—	580	21,65	380	15,93	290	11,30	—	410	475	538	611	689	766	868
2,52	250	630	1131	32,08	575	25,95	377	18,93	288	13,60	—	—	—	449	525	604	683	786
Arc—Length Correction Factor											**0,71**	**0,74**	**0,76**	**0,78**	**0,80**	**0,82**	**0,85**	**0,86**
2,54	355	900	—	—	571	42,75	374	32,13	285	24,30	—	—	—	—	—	—	—	—
2,54	315	800	—	—	571	36,75	374	27,23	285	20,30	—	—	—	—	—	—	—	573
2,54	280	710	—	—	571	31,15	374	22,83	285	16,70	—	—	—	—	—	502	583	689
2,63	475	1250	—	—	551	56,85	361	45,53	276	35,60	—	—	—	—	—	—	—	—
2,64	425	1120	—	—	549	51,75	360	40,23	275	31,00	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**0,75**	**0,76**	**0,77**	**0,80**	**0,84**	**0,85**	**0,86**	**0,88**
2,64	212	560	—	—	549	19,95	360	14,68	275	10,30	—	418	483	546	620	697	774	877
2,65	200	530	—	—	547	18,25	358	13,43	274	9,30	392	457	521	584	656	733	810	912
2,67	375	1000	—	—	543	45,55	356	34,53	272	26,20	—	—	—	—	—	—	—	—
2,67	300	800	—	—	543	34,35	356	25,43	272	18,80	—	—	—	—	—	—	—	583
2,67	236	630	—	—	543	23,35	356	17,13	272	12,30	—	—	—	458	534	614	692	796

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,89	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
—	—	—	—	799	930	1060	1188	1316	1469	1621	1823	1975	2176	2378	2579	2830	3081	3332	2,11
0,89	**0,91**	**0,92**	**0,93**	**0,94**	**0,95**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,06**	**1,07**	**1,08**	**1,09**	
915	1017	1118	1218	1344	1470	1596	1721	1846	1997	2147	2348	2498	2698	2899	3099	3349	3599	3850	2,11
—	—	694	800	930	1058	1186	1313	1440	1592	1744	1945	2096	2298	2499	2699	2950	3201	3452	2,12
731	834	936	1038	1165	1291	1417	1543	1669	1820	1971	2172	2322	2523	2723	2924	3174	3425	3675	2,12
1049	1149	1250	1350	1476	1601	1726	1852	1977	2127	2277	2477	2628	2828	3028	3228	3478	3728	3979	2,12
1019	1119	1220	1320	1446	1571	1697	1822	1947	2098	2248	2448	2598	2798	2999	3199	3449	3699	3949	2,12
0,90	**0,91**	**0,92**	**0,93**	**0,96**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
988	1089	1190	1290	1416	1542	1667	1792	1918	2068	2218	2419	2569	2769	2969	3169	3420	3670	3920	2,12
952	1053	1154	1255	1381	1506	1632	1757	1882	2033	2183	2384	2534	2734	2934	3135	3385	3635	3885	2,12
616	721	825	928	1056	1184	1310	1437	1563	1714	1866	2067	2217	2418	2619	2820	3070	3321	3571	2,13
1079	1179	1279	1380	1505	1630	1756	1881	2006	2156	2307	2507	2657	2857	3057	3257	3508	3758	4008	2,13
—	—	—	—	815	947	1077	1205	1333	1486	1639	1841	1993	2195	2396	2597	2848	3100	3350	2,22
0,90	**0,91**	**0,92**	**0,93**	**0,96**	**0,97**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	**1,09**	
997	1098	1199	1299	1425	1551	1676	1801	1927	2077	2227	2428	2578	2778	2978	3179	3429	3679	3929	2,23
1027	1128	1229	1329	1455	1580	1706	1831	1956	2107	2257	2457	2607	2808	3008	3208	3458	3708	3959	2,24
926	1027	1129	1229	1355	1481	1607	1732	1858	2008	2159	2359	2509	2710	2910	3110	3361	3611	3861	2,24
—	—	711	816	946	1075	1204	1331	1458	1610	1762	1964	2115	2316	2517	2718	2969	3220	3470	2,25
629	735	839	942	1070	1198	1325	1451	1578	1729	1880	2081	2232	2433	2634	2835	3085	3336	3586	2,25
0,88	**0,88**	**0,89**	**0,92**	**0,93**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	
744	847	950	1052	1179	1305	1432	1558	1684	1835	1986	2186	2337	2538	2738	2939	3189	3440	3690	2,25
842	944	1046	1147	1274	1400	1526	1651	1777	1928	2078	2279	2429	2630	2830	3031	3281	3531	3782	2,25
1057	1158	1259	1359	1484	1610	1735	1861	1986	2136	2286	2487	2637	2837	3037	3237	3488	3738	3988	2,25
962	1064	1164	1265	1391	1517	1642	1768	1893	2043	2194	2394	2544	2745	2945	3145	3396	3646	3896	2,25
—	—	—	—	832	963	1094	1223	1351	1504	1656	1859	2011	2213	2414	2616	2867	3118	3369	2,35
0,85	**0,87**	**0,88**	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,95**	**0,96**	**0,96**	**0,99**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,08**	
—	—	—	—	—	809	943	1075	1205	1360	1514	1718	1870	2073	2275	2477	2729	2980	3232	2,36
1006	1107	1207	1308	1434	1559	1685	1810	1936	2086	2236	2437	2587	2787	2988	3188	3438	3688	3938	2,36
754	858	960	1062	1189	1316	1443	1569	1695	1846	1997	2198	2348	2549	2750	2950	3201	3451	3701	2,37
971	1072	1173	1274	1400	1525	1651	1777	1902	2052	2203	2403	2554	2754	2954	3154	3405	3655	3905	2,37
936	1037	1139	1240	1366	1491	1617	1743	1868	2019	2169	2370	2520	2720	2921	3121	3371	3622	3872	2,37
0,87	**0,90**	**0,91**	**0,92**	**0,94**	**0,95**	**0,95**	**0,96**	**0,97**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,09**	
853	955	1057	1158	1284	1411	1537	1662	1788	1939	2089	2290	2441	2641	2842	3042	3292	3543	3793	2,38
1036	1137	1237	1338	1464	1589	1715	1840	1965	2116	2266	2466	2617	2817	3017	3217	3467	3718	3968	2,38
642	748	852	956	1084	1212	1339	1466	1592	1744	1895	2096	2247	2448	2649	2850	3100	3351	3602	2,39
—	—	727	833	963	1093	1221	1349	1476	1628	1780	1982	2133	2334	2536	2737	2988	3238	3489	2,40
—	—	—	—	—	824	959	1091	1222	1377	1531	1735	1888	2091	2293	2495	2747	2999	3250	2,49
0,86	**0,87**	**0,89**	**0,90**	**0,91**	**0,94**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	
—	—	—	713	848	980	1110	1240	1368	1521	1674	1877	2029	2231	2433	2634	2885	3137	3388	2,50
1014	1115	1216	1317	1443	1568	1694	1819	1945	2095	2245	2446	2596	2796	2997	3197	3447	3697	3948	2,50
980	1081	1182	1283	1409	1534	1660	1785	1911	2061	2212	2412	2563	2763	2963	3164	3414	3664	3914	2,50
945	1046	1147	1248	1374	1500	1626	1752	1877	2028	2178	2379	2529	2729	2930	3130	3380	3631	3881	2,50
863	966	1067	1169	1295	1422	1548	1673	1799	1950	2101	2301	2452	2652	2853	3053	3304	3554	3804	2,52
0,87	**0,88**	**0,89**	**0,92**	**0,93**	**0,94**	**0,94**	**0,95**	**0,96**	**0,97**	**0,98**	**1,00**	**1,00**	**1,01**	**1,02**	**1,05**	**1,06**	**1,07**	**1,08**	
—	631	740	846	977	1106	1235	1363	1490	1642	1794	1996	2148	2349	2550	2751	3002	3253	3504	2,54
655	761	866	969	1098	1226	1353	1480	1606	1758	1909	2111	2262	2463	2664	2864	3115	3366	3617	2,54
768	871	974	1076	1204	1330	1457	1583	1709	1860	2011	2212	2363	2564	2764	2965	3216	3466	3717	2,54
—	—	—	—	—	—	—	941	1076	1235	1392	1599	1753	1958	2161	2364	2617	2870	3122	2,63
—	—	—	—	—	840	975	1108	1238	1394	1548	1753	1905	2109	2311	2513	2765	3017	3269	2,64
0,89	**0,90**	**0,91**	**0,93**	**0,94**	**0,95**	**0,95**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,08**	**1,09**	
953	1055	1156	1257	1383	1509	1635	1760	1886	2037	2187	2388	2538	2738	2939	3139	3390	3640	3890	2,64
988	1089	1191	1291	1417	1543	1669	1794	1920	2070	2221	2421	2572	2772	2972	3173	3423	3673	3923	2,65
—	—	—	729	864	997	1127	1257	1385	1539	1692	1895	2047	2249	2451	2652	2904	3155	3406	2,67
664	771	876	980	1108	1236	1364	1491	1617	1769	1920	2122	2273	2474	2675	2876	3127	3377	3628	2,67
873	975	1077	1179	1305	1432	1558	1684	1809	1960	2111	2312	2462	2663	2863	3064	3314	3565	3815	2,67

SPC Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											**—**	**0,71**	**0,74**	**0,77**	**0,80**	**0,82**	**0,85**	**0,86**
2,68	265	710	1063	34,38	541	28,55	354	20,93	271	15,20	—	—	—	—	—	511	593	699
2,69	335	900	—	—	539	39,85	353	29,73	270	22,30	—	—	—	—	—	—	—	—
2,78	450	1250	—	—	522	54,45	342	42,93	261	33,30	—	—	—	—	—	—	—	—
2,80	400	1120	—	—	518	48,75	339	37,43	259	28,60	—	—	—	—	—	—	—	—
2,80	200	560	—	—	518	18,25	339	13,43	259	9,30	—	425	490	554	628	705	783	885
Arc—Length Correction Factor											**—**	**—**	**—**	**0,77**	**0,80**	**0,82**	**0,85**	**0,86**
2,81	224	630	—	—	516	21,65	338	15,93	258	11,30	—	—	—	465	542	621	700	804
2,82	355	1000	—	—	514	42,75	337	32,13	257	24,30	—	—	—	—	—	—	—	—
2,84	250	710	1004	32,08	511	25,95	335	18,93	255	13,60	—	—	—	—	—	521	602	709
2,86	315	900	—	—	507	36,75	332	27,23	253	20,30	—	—	—	—	—	—	—	—
2,86	280	800	—	—	507	31,15	332	22,83	253	16,70	—	—	—	—	—	—	—	595
Arc—Length Correction Factor											**—**	**—**	**—**	**0,57**	**0,59**	**0,66**	**0,73**	**0,75**
2,94	425	1250	—	—	493	51,75	323	40,23	247	31,00	—	—	—	—	—	—	—	—
2,97	212	630	—	—	488	19,95	320	14,68	244	10,30	—	—	—	473	549	629	708	812
2,99	375	1120	—	—	485	45,55	318	34,53	242	26,20	—	—	—	—	—	—	—	—
2,99	335	1000	—	—	485	39,85	318	29,73	242	22,30	—	—	—	—	—	—	—	—
3,00	300	900	—	—	483	34,35	317	25,43	242	18,80	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**—**	**—**	**—**	**0,75**	**0,78**	**0,78**	**0,81**	**0,84**
3,01	236	710	—	—	482	23,35	316	17,13	241	12,30	—	—	—	—	—	529	611	718
3,02	265	800	944	34,38	480	28,55	315	20,93	240	15,20	—	—	—	—	—	—	—	605
3,13	400	1250	—	—	463	48,75	304	37,43	232	28,60	—	—	—	—	—	—	—	—
3,15	355	1120	—	—	460	42,75	302	32,13	230	24,30	—	—	—	—	—	—	—	—
3,15	200	630	—	—	460	18,25	302	13,43	230	9,30	—	—	—	480	557	637	716	820
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**—**	**0,69**	**0,73**	**0,78**
3,17	315	1000	—	—	457	36,75	300	27,23	229	20,30	—	—	—	—	—	—	—	—
3,17	224	710	—	—	457	21,65	300	15,93	229	11,30	—	—	—	—	—	537	619	726
3,20	250	800	891	32,08	453	25,95	297	18,93	227	13,60	—	—	—	—	—	—	—	614
3,21	280	900	—	—	452	31,15	296	22,83	226	16,70	—	—	—	—	—	—	—	—
3,33	375	1250	—	—	435	45,55	285	34,53	218	26,20	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**—**	**0,69**	**0,73**	**0,78**
3,33	300	1000	—	—	435	34,35	285	25,43	218	18,80	—	—	—	—	—	—	—	—
3,34	335	1120	—	—	434	39,85	284	29,73	217	22,30	—	—	—	—	—	—	—	—
3,35	212	710	—	—	433	19,95	284	14,68	216	10,30	—	—	—	—	—	544	627	734
3,39	236	800	—	—	428	23,54	280	17,25	214	12,30	—	—	—	—	—	—	—	623
3,40	265	900	838	34,76	426	28,74	279	21,05	213	15,20	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**0,59**	**0,59**	**0,64**	**0,71**
3,52	355	1250	—	—	412	42,94	270	32,25	206	24,30	—	—	—	—	—	—	—	—
3,55	200	710	—	—	408	18,44	268	13,55	204	9,30	—	—	—	—	466	552	634	742
3,56	315	1120	—	—	407	36,94	267	27,35	204	20,30	—	—	—	—	—	—	—	—
3,57	280	1000	—	—	406	31,34	266	22,95	203	16,70	—	—	—	—	—	—	—	—
3,57	224	800	—	—	406	21,84	266	16,05	203	11,30	—	—	—	—	—	—	516	630
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**—**	**—**	**0,70**	**0,75**
3,60	250	900	792	32,46	403	26,14	264	19,05	201	13,60	—	—	—	—	—	—	—	—
3,73	335	1250	—	—	389	40,04	255	29,85	194	22,30	—	—	—	—	—	—	—	—
3,73	300	1120	—	—	389	34,54	255	25,55	194	18,80	—	—	—	—	—	—	—	—
3,77	265	1000	756	34,76	385	28,74	252	21,05	192	15,20	—	—	—	—	—	—	—	—
3,77	212	800	—	—	385	20,14	252	14,80	192	10,30	—	—	—	—	—	—	523	638
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**—**	**—**	**0,70**	**0,75**
3,81	236	900	—	—	381	23,54	249	17,25	190	12,30	—	—	—	—	—	—	—	—
3,97	315	1250	—	—	365	36,94	239	27,35	183	20,30	—	—	—	—	—	—	—	—
4,00	280	1120	—	—	363	31,34	238	22,95	181	16,70	—	—	—	—	—	—	—	—
4,00	250	1000	713	32,46	363	26,14	238	19,05	181	13,60	—	—	—	—	—	—	—	—
4,00	200	800	—	—	363	18,44	238	13,55	181	9,30	—	—	—	—	—	—	530	645
Arc—Length Correction Factor											**—**	**—**	**—**	**—**	**—**	**—**	**—**	**—**
4,02	224	900	—	—	361	21,84	236	16,05	180	11,30	—	—	—	—	—	—	—	—

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			
Belt Length Designation																			Speed Ratio
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,86	**0,87**	**0,89**	**0,90**	**0,93**	**0,94**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	
778	882	984	1087	1214	1341	1468	1594	1720	1871	2022	2223	2374	2575	2776	2976	3227	3478	3728	2,68
—	644	752	859	990	1120	1249	1377	1504	1656	1808	2011	2162	2364	2565	2766	3017	3268	3519	2,69
—	—	—	—	—	—	—	957	1092	1252	1409	1616	1770	1975	2179	2382	2635	2888	3140	2,78
—	—	—	—	—	856	991	1124	1255	1411	1565	1770	1923	2126	2329	2531	2784	3035	3287	2,80
962	1063	1164	1266	1392	1518	1644	1769	1895	2045	2196	2397	2547	2748	2948	3148	3399	3649	3899	2,80
0,87	**0,88**	**0,91**	**0,92**	**0,93**	**0,95**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	
881	984	1086	1187	1314	1440	1566	1692	1818	1969	2120	2321	2471	2672	2872	3073	3323	3574	3824	2,81
—	—	—	741	877	1010	1141	1270	1399	1553	1706	1909	2061	2263	2465	2667	2919	3170	3421	2,82
788	892	995	1097	1225	1352	1479	1605	1731	1882	2033	2235	2385	2586	2787	2988	3238	3489	3739	2,84
—	656	765	872	1004	1133	1262	1390	1518	1671	1823	2025	2177	2378	2580	2781	3032	3283	3534	2,86
677	784	889	993	1122	1250	1378	1505	1631	1783	1935	2136	2287	2489	2690	2891	3141	3392	3643	2,86
0,79	**0,82**	**0,85**	**0,87**	**0,88**	**0,91**	**0,91**	**0,93**	**0,94**	**0,95**	**0,95**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	
—	—	—	—	—	—	—	973	1108	1268	1425	1633	1788	1992	2196	2400	2653	2906	3158	2,94
889	992	1094	1196	1323	1449	1575	1701	1827	1978	2129	2330	2480	2681	2881	3082	3332	3583	3833	2,97
—	—	—	—	—	872	1008	1141	1272	1428	1583	1788	1941	2144	2347	2549	2802	3054	3305	2,99
—	—	—	754	890	1023	1154	1284	1413	1567	1720	1923	2075	2278	2480	2681	2933	3185	3436	2,99
—	665	775	882	1014	1144	1273	1401	1529	1681	1833	2036	2187	2389	2591	2792	3043	3294	3545	3,00
0,86	**0,87**	**0,89**	**0,90**	**0,93**	**0,94**	**0,94**	**0,96**	**0,97**	**0,98**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	**1,07**	**1,08**	
797	901	1004	1107	1235	1362	1489	1615	1741	1893	2044	2245	2396	2597	2797	2998	3249	3499	3750	3,01
687	794	899	1003	1132	1261	1388	1515	1642	1794	1946	2147	2298	2500	2701	2902	3153	3403	3654	3,02
—	—	—	—	—	—	848	988	1124	1284	1442	1650	1805	2010	2214	2417	2671	2924	3176	3,13
—	—	—	—	744	884	1020	1154	1285	1441	1596	1802	1955	2158	2361	2564	2816	3068	3320	3,15
898	1000	1102	1204	1331	1458	1584	1710	1836	1987	2138	2339	2489	2690	2890	3091	3342	3592	3842	3,15
0,81	**0,84**	**0,86**	**0,87**	**0,90**	**0,91**	**0,91**	**0,92**	**0,94**	**0,95**	**0,98**	**0,99**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,08**	
—	—	—	766	903	1036	1167	1298	1427	1581	1734	1937	2090	2292	2494	2696	2948	3199	3451	3,17
805	909	1013	1115	1243	1370	1497	1624	1750	1901	2052	2254	2405	2605	2806	3007	3258	3508	3759	3,17
696	804	909	1013	1143	1271	1399	1526	1653	1805	1956	2158	2309	2511	2712	2913	3164	3415	3665	3,20
—	678	788	895	1027	1157	1286	1415	1543	1695	1848	2050	2202	2404	2605	2807	3058	3309	3560	3,21
—	—	—	—	—	—	864	1004	1140	1301	1459	1667	1822	2027	2231	2435	2689	2942	3194	3,33
0,81	**0,84**	**0,86**	**0,87**	**0,90**	**0,91**	**0,91**	**0,92**	**0,94**	**0,95**	**0,96**	**0,99**	**0,99**	**1,00**	**1,02**	**1,03**	**1,04**	**1,05**	**1,06**	
—	—	662	776	912	1046	1177	1308	1437	1591	1744	1948	2100	2303	2505	2707	2959	3210	3462	3,33
—	—	—	—	756	897	1033	1167	1299	1455	1610	1815	1969	2172	2375	2578	2831	3083	3335	3,34
813	917	1021	1124	1251	1379	1506	1632	1759	1910	2061	2263	2413	2614	2815	3016	3267	3517	3768	3,35
705	813	918	1023	1152	1281	1409	1536	1663	1815	1967	2168	2320	2521	2722	2923	3174	3425	3676	3,39
—	687	797	905	1037	1167	1297	1425	1553	1706	1858	2061	2213	2415	2616	2818	3069	3320	3571	3,40
0,76	**0,80**	**0,83**	**0,85**	**0,86**	**0,89**	**0,91**	**0,92**	**0,93**	**0,95**	**0,96**	**0,96**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,04**	**1,06**	
—	—	—	—	—	—	876	1017	1153	1314	1472	1680	1836	2041	2245	2449	2703	2956	3209	3,52
821	926	1029	1132	1260	1387	1514	1641	1767	1919	2070	2271	2422	2623	2824	3025	3276	3526	3777	3,55
—	—	—	—	768	909	1046	1180	1312	1468	1624	1829	1983	2186	2390	2592	2845	3097	3349	3,56
—	—	674	788	925	1059	1191	1321	1451	1605	1758	1962	2115	2317	2519	2721	2973	3225	3477	3,57
713	821	926	1031	1160	1289	1417	1544	1671	1823	1975	2177	2328	2530	2731	2932	3183	3434	3685	3,57
0,79	**0,80**	**0,83**	**0,85**	**0,88**	**0,91**	**0,92**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	
581	696	807	914	1047	1177	1307	1435	1563	1716	1869	2072	2223	2425	2627	2829	3080	3331	3583	3,60
—	—	—	—	—	—	888	1029	1166	1327	1485	1694	1849	2055	2259	2463	2717	2971	3223	3,73
—	—	—	—	777	919	1056	1190	1322	1478	1634	1840	1993	2197	2400	2603	2856	3108	3360	3,73
—	—	683	797	935	1069	1201	1331	1461	1615	1769	1973	2125	2328	2530	2732	2984	3236	3488	3,77
721	828	934	1039	1169	1297	1425	1553	1680	1832	1984	2186	2337	2539	2740	2941	3192	3443	3694	3,77
0,77	**0,80**	**0,83**	**0,85**	**0,88**	**0,91**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**1,00**	**1,01**	**1,02**	**1,03**	**1,04**	**1,07**	**1,08**	
590	705	816	924	1056	1187	1316	1445	1573	1726	1879	2082	2234	2436	2637	2839	3090	3342	3593	3,81
—	—	—	—	—	—	900	1042	1179	1340	1499	1707	1863	2069	2273	2477	2731	2985	3238	3,97
—	—	—	—	789	931	1068	1203	1335	1492	1647	1853	2007	2211	2414	2617	2870	3123	3375	4,00
—	—	692	807	944	1079	1211	1341	1471	1625	1779	1983	2136	2339	2541	2743	2995	3247	3499	4,00
728	836	942	1047	1177	1306	1434	1561	1688	1841	1992	2194	2346	2547	2749	2950	3201	3452	3703	4,00
0,74	**0,80**	**0,83**	**0,85**	**0,88**	**0,91**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,08**	
597	712	823	931	1064	1195	1325	1453	1582	1735	1887	2090	2242	2444	2646	2848	3099	3351	3602	4,02

SPC

Power Ratings

Martin

Speed Ratio	Sheave Combination		DriveN Speeds and Kw Per Belt								Nominal Center Distance And Arc-Length Correction Factor							
			2850 RPM DriveR		1450 RPM DriveR		950 RPM DriveR		725 RPM DriveR		Belt Length Designation							
	DriveR O.D.	DriveN O.D.	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	DriveN RPM	kW Per Belt	2000	2120	2240	2360	2500	2650	2800	3000
Arc—Length Correction Factor											—	—	—	—	—	—	—	—
4,17	300	1250	—	—	348	34,54	228	25,55	174	18,80	—	—	—	—	—	—	—	—
4,23	265	1120	674	34,76	343	28,74	225	21,05	171	15,20	—	—	—	—	—	—	—	—
4,24	236	1000	—	—	342	23,54	224	17,25	171	12,30	—	—	—	—	—	—	—	—
4,25	212	900	—	—	341	20,14	224	14,80	171	10,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											—	—	—	—	—	—	—	—
4,46	280	1250	—	—	325	31,34	213	22,95	163	16,70	—	—	—	—	—	—	—	—
4,46	224	1000	—	—	325	21,84	213	16,05	163	11,30	—	—	—	—	—	—	—	—
4,48	250	1120	636	32,46	324	26,14	212	19,05	162	13,60	—	—	—	—	—	—	—	—
4,50	200	900	—	—	322	18,44	211	13,55	161	9,30	—	—	—	—	—	—	—	—
4,72	265	1250	604	34,76	307	28,74	201	21,05	154	15,20	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											—	—	—	—	—	—	—	—
4,72	212	1000	—	—	307	20,14	201	14,80	154	10,30	—	—	—	—	—	—	—	—
4,75	236	1120	—	—	305	23,54	200	17,25	153	12,30	—	—	—	—	—	—	—	—
5,00	250	1250	570	32,46	290	26,14	190	19,05	145	13,60	—	—	—	—	—	—	—	—
5,00	224	1120	—	—	290	21,84	190	16,05	145	11,30	—	—	—	—	—	—	—	—
5,00	200	1000	—	—	290	18,44	190	13,55	145	9,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											—	—	—	—	—	—	—	—
5,28	212	1120	—	—	275	20,14	180	14,80	137	10,30	—	—	—	—	—	—	—	—
5,30	236	1250	—	—	274	23,54	179	17,25	137	12,30	—	—	—	—	—	—	—	—
5,58	224	1250	—	—	260	21,84	170	16,05	130	11,30	—	—	—	—	—	—	—	—
5,60	200	1120	—	—	259	18,44	170	13,55	129	9,30	—	—	—	—	—	—	—	—
5,90	212	1250	—	—	246	20,14	161	14,80	123	10,30	—	—	—	—	—	—	—	—
Arc—Length Correction Factor											—	—	—	—	—	—	—	—
6,25	200	1250	—	—	232	18,44	152	13,55	116	9,30	—	—	—	—	—	—	—	—

Power Ratings

SPC

Nominal Center Distances And Arc-Length Correction Factor																			Speed Ratio
Belt Length Designation																			
3150	3350	3550	3750	4000	4250	4500	4750	5000	5300	5600	6000	6300	6700	7100	7500	8000	8500	9000	
0,74	**0,80**	**0,83**	**0,85**	**0,88**	**0,91**	**0,91**	**0,93**	**0,94**	**0,97**	**0,98**	**0,99**	**0,99**	**1,01**	**1,02**	**1,03**	**1,04**	**1,05**	**1,08**	
—	—	—	—	—	—	909	1051	1188	1350	1508	1718	1873	2079	2284	2488	2742	2996	3249	4,17
—	—	—	—	798	941	1078	1212	1345	1502	1658	1864	2017	2222	2425	2628	2881	3134	3386	4,23
—	—	701	815	953	1088	1220	1351	1480	1635	1789	1993	2146	2349	2551	2753	3005	3257	3509	4,24
604	720	831	939	1072	1203	1333	1462	1590	1743	1896	2099	2251	2453	2655	2856	3108	3359	3611	4,25
0,60	**0,69**	**0,76**	**0,79**	**0,84**	**0,85**	**0,87**	**0,90**	**0,91**	**0,94**	**0,95**	**0,97**	**0,97**	**0,98**	**0,99**	**1,02**	**1,03**	**1,04**	**1,06**	
—	—	—	—	—	772	921	1063	1201	1363	1522	1731	1887	2093	2298	2502	2756	3010	3263	4,46
—	—	708	823	961	1095	1228	1359	1489	1643	1797	2002	2154	2357	2560	2762	3014	3266	3518	4,46
—	—	—	—	807	950	1088	1222	1355	1512	1668	1874	2028	2232	2436	2639	2892	3144	3397	4,48
611	727	838	947	1080	1211	1341	1470	1598	1752	1904	2107	2259	2462	2664	2865	3117	3368	3620	4,50
—	—	—	—	—	780	930	1073	1211	1372	1532	1741	1897	2103	2308	2512	2767	3021	3274	4,72
—	**—**	**0,76**	**0,82**	**0,84**	**0,87**	**0,89**	**0,92**	**0,93**	**0,95**	**0,96**	**0,99**	**0,99**	**1,00**	**1,01**	**1,03**	**1,04**	**1,05**	**1,06**	
—	—	715	830	968	1103	1236	1367	1497	1652	1806	2010	2163	2366	2568	2771	3023	3275	3527	4,72
—	—	—	—	816	959	1096	1231	1364	1521	1677	1884	2038	2242	2446	2649	2902	3155	3407	4,75
—	—	—	—	—	789	939	1082	1220	1382	1541	1751	1907	2113	2319	2523	2777	3031	3284	5,00
—	—	—	—	823	966	1104	1239	1372	1529	1685	1892	2046	2250	2454	2657	2910	3163	3416	5,00
—	—	722	837	976	1111	1244	1375	1505	1660	1814	2018	2171	2374	2577	2779	3032	3284	3535	5,00
—	**—**	**—**	**0,70**	**0,80**	**0,83**	**0,85**	**0,88**	**0,91**	**0,94**	**0,95**	**0,97**	**0,97**	**0,98**	**1,01**	**1,02**	**1,03**	**1,05**	**1,06**	
—	—	—	677	830	974	1112	1247	1380	1537	1694	1900	2054	2259	2463	2666	2919	3172	3424	5,28
—	—	—	—	—	797	948	1091	1229	1391	1551	1760	1916	2123	2328	2533	2787	3041	3294	5,30
—	—	—	—	—	804	955	1098	1236	1399	1558	1769	1925	2131	2337	2541	2796	3050	3303	5,58
—	—	—	684	837	981	1119	1254	1388	1545	1702	1908	2063	2267	2471	2674	2928	3181	3433	5,60
—	—	—	—	—	811	962	1106	1244	1407	1566	1777	1933	2139	2345	2550	2804	3058	3312	5,90
—	**—**	**—**	**—**	**—**	**0,75**	**0,80**	**0,84**	**0,87**	**0,90**	**0,93**	**0,96**	**0,96**	**0,98**	**0,99**	**1,00**	**1,03**	**1,04**	**1,05**	
—	—	—	—	—	818	970	1113	1252	1414	1574	1785	1941	2148	2353	2558	2813	3067	3320	6,25

CENTER DISTANCE WEDGE BELT DRIVES

Useful Formula

DYNAMIC TENSION ON BELT DRIVES

STATIC TENSION

To determine the static tension, T_S, in the belt(s), measure the force, P, required to depress a belt 16mm per meter of span, by means of a Belt Tension Indicator. The static tension, T_S, is given by

$T_S = 2(16P) \times B$ (Newtons)

DYNAMIC TENSION

To determine the approximate total tension, T_D, imposed by a drive when running, the centrifugal tension per side, T_C, must be subtracted from the static tension, T_S,

$TD = 2(16P - TC) \times B$ (Newtons)

where B = the number of belts
and P = Tensioning force in Newtons, for the belt in question

CENTRIFUGAL TENSION

The centrifugal tension, T_C, developed in a belt is a function of its weight and the square of its velocity.
$T_C = M \times S^2$ (Newtons)

The belt speed, S, may be derived from the formula
$S = (d \times n) \div 19100$ (m/s)

where d = pitch diameter of either pulley — mm
n = rotational speed of same pulley — rev/min.
and M = mass per unit length for the belt section in question.

CENTER DISTANCE CALCULATION

To determine belt length required given pulley diameters and center distance use the following formula:

$$L = 2C + \frac{(D-d)^2}{4C} + 1{,}57\,(D+d)$$

where
L = Pitch length of belt in millimeters.
C = Center distance in millimeters.
D = Pitch diameter of large pulley in millimeters.
d = Pitch diameter of small pulley in millimeters.

To determine center distance, given pulley diameters and belt length, use the following formula:

$$C = A + \sqrt{A^2 - B}$$

where

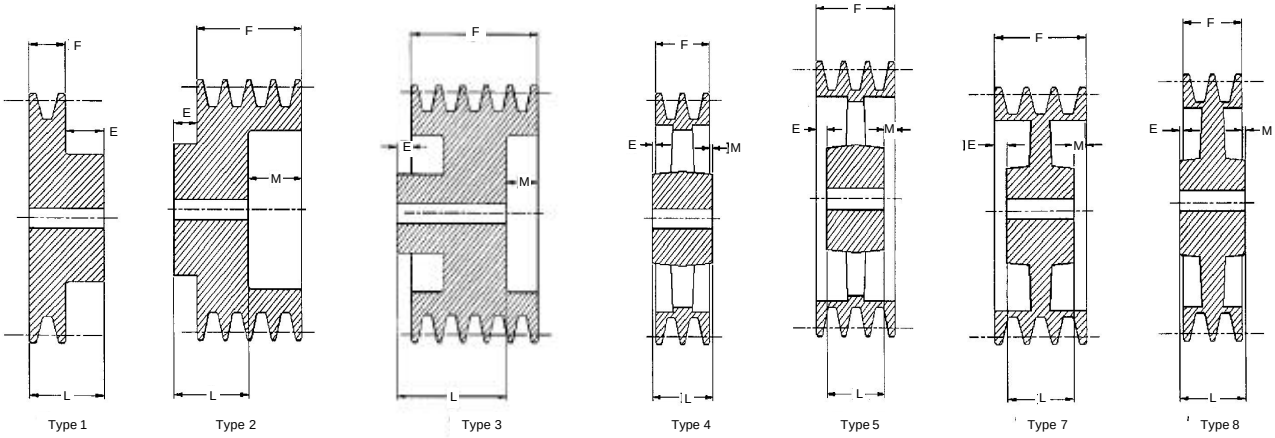
$$A = \frac{L}{4} - 0{,}3925\,(D + d) \quad \text{and} \quad B = \frac{(D - d)^2}{8}$$

Made-to-Order Pulleys

Martin has the capacity to produce a wide range of Made-To-Order Pulleys. These pulleys meet the same quality standards as our stock line of Taper Bushed Pulleys.

Since Made-To-Order Pulleys can be manufactured to meet most customer requirements, the following pages give standard dimensions for Made-To-Order Pulleys. Martin can alter these dimensions such as hub location, length through bore, to meet desired requirements. These pulleys are normally Bored-To-Size and are furnished with standard keyway and two set screws as indicated. However, most Made-To-Order Pulleys can be furnished in QD or Taper Bushed style hubs. Also, Martin can furnish Made-To-Order Pulleys in a split construction. Consult factory with specific requirements.

Made-to-Order Pulleys



O.D. ■ Range	1 — Groove, F = 16 Type	L	E	M	O.D. ■ Range	2 — Groove, F = 28 Type	L	E	M	O.D. ■ Range	3 — Groove, F = 40 Type	L	E	M
50-112	1	28	—	12	50-112	1	35	—	7	63-125	1	40	—	—
118-150	8	28	—	12	118-125	8	35	—	7	132-150	8	40	—	—
160-250	8	32	3	16	132-150	8	40	—	12	160-250	8	45	—	5

MTO — SPZ

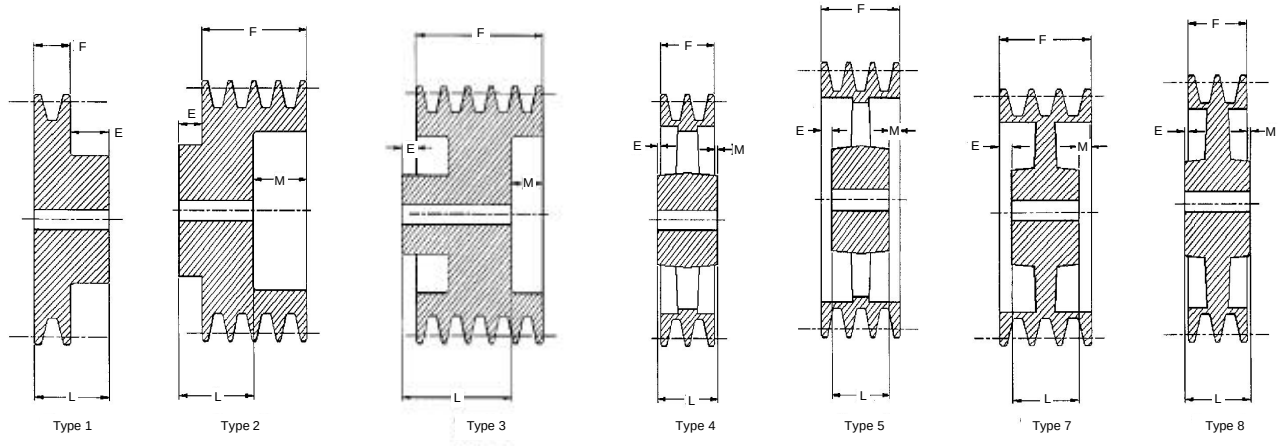
O.D. ■ Range	4 — Groove, F = 52 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 64 Type	L	E	M	O.D. ■ Range	6 — Groove, F = 76 Type	L	E	M
63-118	1	52	—	—	67-180	2	60	16	20	67-180	2	60	16	31
125	8	52	—	—	200	3	70	16	9,5	200	3	75	16	16
132-140	6	52	—	—	224-315	7	45	9,5	9,5	224-315	7	45	15,5	15,5
150-250	8	52	—	—	355-450	5	45	9,5	9,5	355-450	5	45	15,5	15,5
					500-630	5	90	15,1	15,1	500-630	5	65	5,5	5,5
					710-800	4	95	16	—	710-800	4	95	16	—

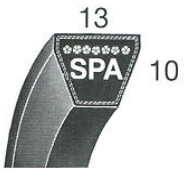
O.D. ■ Range	8 — Groove, F = 100 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 124 Type	L	E	M	O.D. ■ Range	12 — Groove, F = 148 Type	L	E	M
140-224	7	55	16	16	101-125	7	64	16	63	101-125	7	89	16	58
250-630	7	75	16	16	127-175	7	64	16	63	127-175	7	89	16	58
					178-353	7	83	16	44	178-353	7	89	16	58
					356-429	7	89	16	37	356-429	7	89	16	58
					432-531	7	102	16	25	432-531	7	102	16	45
					533-851	7	114	2	2	533-851	7	114	8	8

O.D. ■ Range	14 — Groove, F = 172 Type	L	E	M	O.D. ■ Range	16 — Groove, F = 196 Type	L	E	M	O.D. ■ Range	18 — Groove, F = 220 Type	L	E	M
102-226	5	76	16	79	102-226	5	102	16	87	102-226	5	102	16	107
229-429	5	76	16	79	229-429	5	102	16	87	229-429	5	102	16	107
432-531	5	102	16	66	432-531	5	114	16	74	432-531	7	114	16	69
533-633	7	102	25	25	533-633	7	114	29	29	533-633	7	114	39	39
635-760	7	102	25	25	635-760	7	114	29	29	635-760	7	114	39	39
762-851	7	127	12	12	762-851	7	127	23	23	762-851	7	127	33	33

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

Made-to-Order Pulleys





MTO — SPA

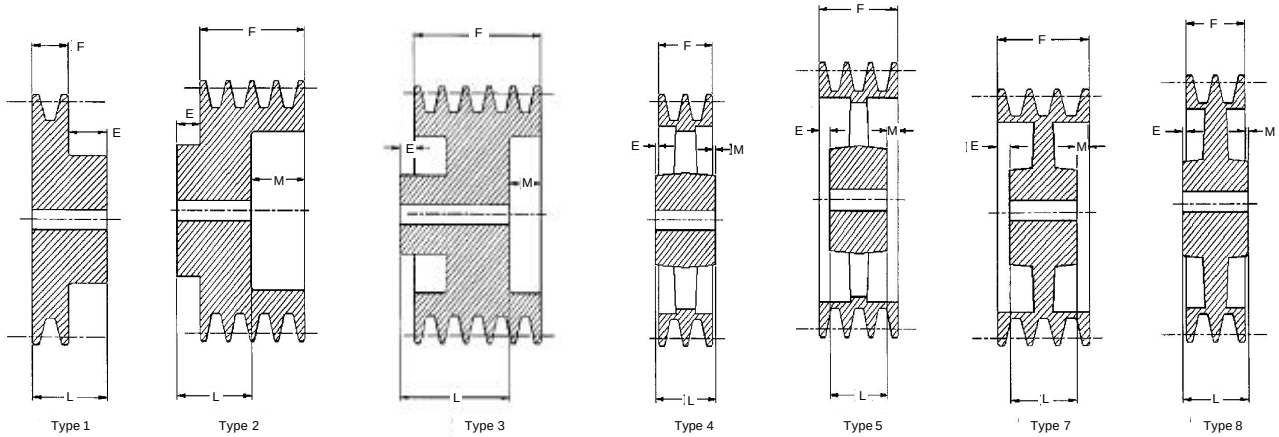
O.D. ■ Range	1 — Groove, F = 20 Type	L	E	M	O.D. ■ Range	2 — Groove, F = 35 Type	L	E	M	O.D. ■ Range	3 — Groove, F = 50 Type	L	E	M
50-112	1	35	—	15	50-118	1	45	—	10	56-132	1	50	—	—
118-140	8	35	—	15	125-160	8	45	—	10	140-280	8	50	—	—
150-236	8	40	—	20	180-400	8	50	—	15	300-400	8	60	—	10
250-400	8	50	—	30										

O.D. ■ Range	4 — Groove, F = 65 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 80 Type	L	E	M	O.D. ■ Range	6 — Groove, F = 95 Type	L	E	M
63-90	1	65	—	—	80-100	3	62	15	40	80-100	3	73	15	40
95-140	2	50	—	15	106-118	2	62	15	48	106-118	2	73	15	63
150	7	60	—	5	125-224	3	74	5	24	125-244	3	88	5	32
160	2	45	—	20	236-315	7	74	5	15	236-315	7	88	5	5
180-400	7	60	—	5	355-630	5	74	5	7,5	355-630	5	88	5	5

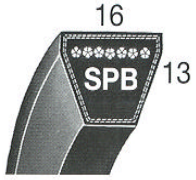
O.D. ■ Range	7 — Groove, F = 110 Type	L	E	M	O.D. ■ Range	8 — Groove, F = 125 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 155 Type	L	E	M
80-180	7	90	15	15	80-180	7	90	15	15	80-180	7	90	15	15
180-355	7	90	15	15	180-355	7	90	15	15	180-355	7	90	15	15
400-500	7	90	15	15	400-500	7	102	15	15	400-500	7	102	15	15
500-630	7	90	15	15	500-630	7	102	15	15	500-630	7	102	15	15

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

Made-to-Order Pulleys



O.D. ■ Range	1 — Groove, F = 25 Type	L	E	M	O.D. ■ Range	2 — Groove, F = 44 Type	L	E	M	O.D. ■ Range	3 — Groove, F = 63 Type	L	E	M
80-132	1	35	—	10	80-140	1	55	—	10	80-160	2	50	—	13
140	8	35	—	10	150-160	8	55	—	10	180-236	7	50	—	13
150-200	8	40	—	15	180-300	8	50	—	15	250-400	7	60	—	3
200-250	8	45	—	20	315-400	8	60	—	20					



MTO — SPB

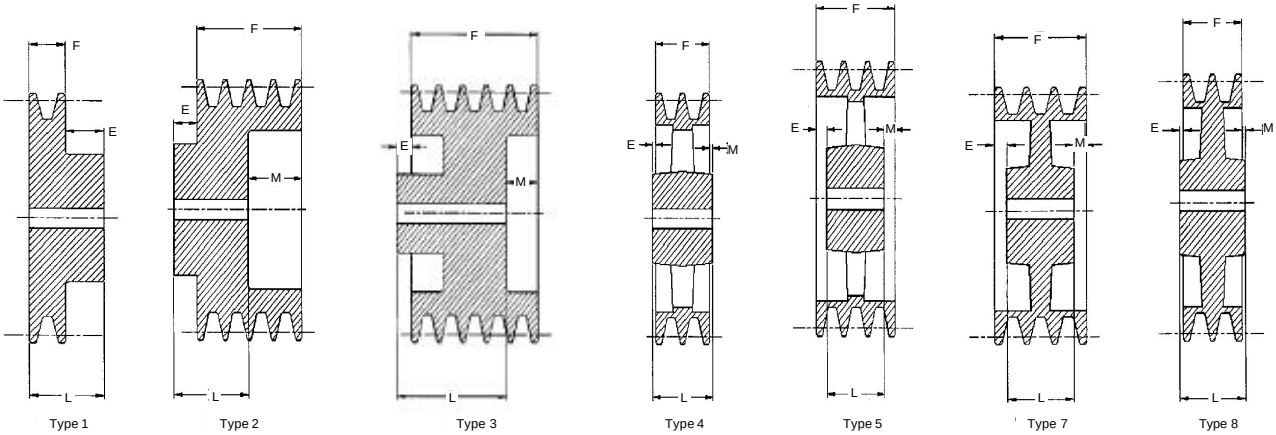
O.D. ■ Range	4 — Groove, F = 82 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 101 Type	L	E	M	O.D. ■ Range	6 — Groove, F = 120 Type	L	E	M
95-150	2	50	—	32	180-250	3	74	22	25	180-250	3	90	22	28
160	2	60	—	22	280-400	7	80	22	18	280-400	7	95	22	22
180-236	7	60	—	22	450-1250	5	101	6	6	450-1250	5	102	15	15

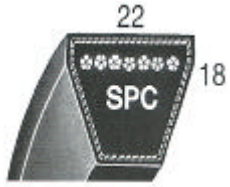
O.D. ■ Range	8 — Groove, F = 158 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 196 Type	L	E	M	O.D. ■ Range	12 — Groove, F = 234 Type	L	E	M
180-250	3	90	22	54	224-630	7	110	22	22	224-630	7	130	22	22
280-400	7	102	22	22	630-900	7	115	22	22	630-900	7	140	22	22
450-1250	5	102	22	15	900-1120	7	140	22	22	900-1120	7	150	22	22
					1120-1250	7	150	22	22	1120-1250	7	150	22	22
					1346-1927	7	180	22	22	1346-1927	7	180	22	22

O.D. ■ Range	14 — Groove, F = 272 Type	L	E	M	O.D. ■ Range	16 — Groove, F = 310 Type	L	E	M	O.D. ■ Range	18 — Groove, F = 348 Type	L	E	M
224-630	7	150	22	22	224-630	7	165	22	22	224-630	7	180	22	22
630-900	7	165	22	22	630-900	7	180	22	22	630-900	7	205	22	22
900-1120	7	180	22	22	400-1120	7	190	22	22	900-1120	7	215	22	22
1120-1250	7	190	22	22	1120-1250	7	205	22	22	1120-1250	7	230	22	22
1346-1927	7	205	22	22	1346-1597	7	215	22	22	1346-1597	7	240	22	22
					1600-1905	7	230	22	22	1600-1905	7	270	22	22

O.D. ■ Range	20 — Groove, F = 386 Type	L	E	M
224-630	7	205	22	22
630-900	7	215	22	22
900-1120	7	230	22	22
1120-1250	7	240	22	22
1346-1597	7	255	22	22
1600-1905	7	305	22	22

Made-to-Order Pulleys





MTO — SPC

O.D. ■ Range	3 — Groove, F = 85 Type	L	E	M	O.D. ■ Range	4 — Groove, F = 111 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 136 Type	L	E	M
224-280	3	71	7	45	224-280	3	71	20	57	224-280	3	90	23	36
300-400	7	80	3	3	300-400	5	90	10	10	300-400	7	100	18	18
425-710	5	80	3	3	425-710	5	100	10	10	425-710	5	100	18	18
800-1250	4	80	3	3	800-1250	5	111	5	5	800-1250	5	125	6	6

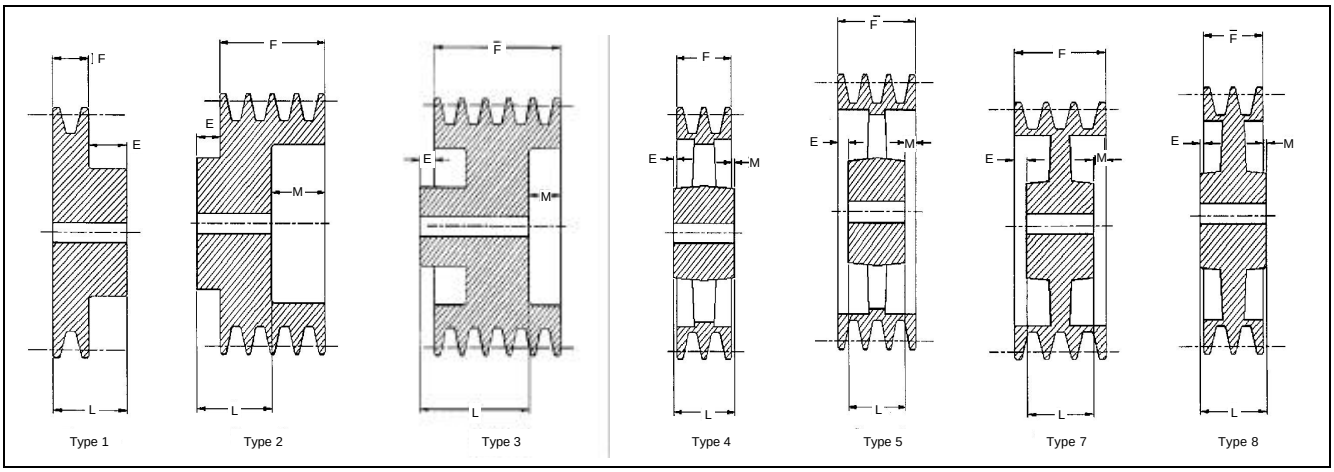
O.D. ■ Range	6 — Groove, F = 162 Type	L	E	M	O.D. ■ Range	7 — Groove, F = 188 Type	L	E	M	O.D. ■ Range	8 — Groove, F = 213 Type	L	E	M
224-265	3	100	30	48	224-265	3	105	22	48	224-265	3	137	22	74
280-300	7	100	30	30	280-300	7	115	22	22	280-300	7	173	22	22
315-1250	5	140	10	10	315-1250	5	140	22	22	315-1250	5	212	22	22

O.D. ■ Range	9 — Groove, F = 239 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 265 Type	L	E	M	O.D. ■ Range	11 — Groove, F = 290 Type	L	E	M
224-400	7	125	22	22	224-400	7	150	22	22	224-400	7	180	22	22
400-630	7	140	22	22	400-630	7	165	22	22	400-630	7	190	22	22
630-900	7	150	22	22	630-900	7	180	22	22	630-900	7	205	22	22
900-1120	7	165	22	22	900-1120	7	190	22	22	900-1120	7	215	22	22
1120-1250	7	180	22	22	1120-1250	7	205	22	22	1120-1250	7	230	22	22
1422-1625	7	190	22	22	1422-1625	7	215	22	22	1422-1625	7	240	22	22

O.D. ■ Range	12 — Groove, F = 316 Type	L	E	M	O.D. ■ Range	13 — Groove, F = 342 Type	L	E	M	O.D. ■ Range	14 — Groove, F = 368 Type	L	E	M
224-400	7	180	22	22	224-400	7	205	22	22	224-400	7	205	22	22
400-630	7	190	22	22	400-630	7	205	22	22	400-630	7	205	22	22
630-900	7	205	22	22	630-900	7	215	22	22	630-900	7	215	22	22
900-1120	7	215	22	22	900-1120	7	230	22	22	900-1120	7	230	22	22
1120-1250	7	230	22	22	1120-1250	7	240	22	22	1120-1250	7	240	22	22
1422-1625	7	240	22	22	1422-1625	7	255	22	22	1250-1625	7	255	22	22

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

Made-to-Order Pulleys



O.D. ■ Range	4 — Groove, F = 124 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 152 Type	L	E	M	O.D. ■ Range	7 — Groove, F = 181 Type	L	E	M
325-678	2	127	29	25	325-678	2	140	29	41	325-678	2	152	29	57
681-1008	2	140	8	8	681-1008	4	152	0	0	681-1008	5	178	2	2
1011-1466	4	152	14	14	1011-1466	4	178	13	13	1011-1466	4	191	5	5
1468-1770	4	178	27	27	1468-1770	4	203	0	0	1468-1770	4	203	11	11
1773-2075	4	203	40	40	1773-2075	4	210	32	32	1773-2075	4	229	24	24
2078-2154	4	216	30	30	2078-2154	4	229	38	38	2078-2154	4	254	37	37

MTO — 8V
Non-Banded

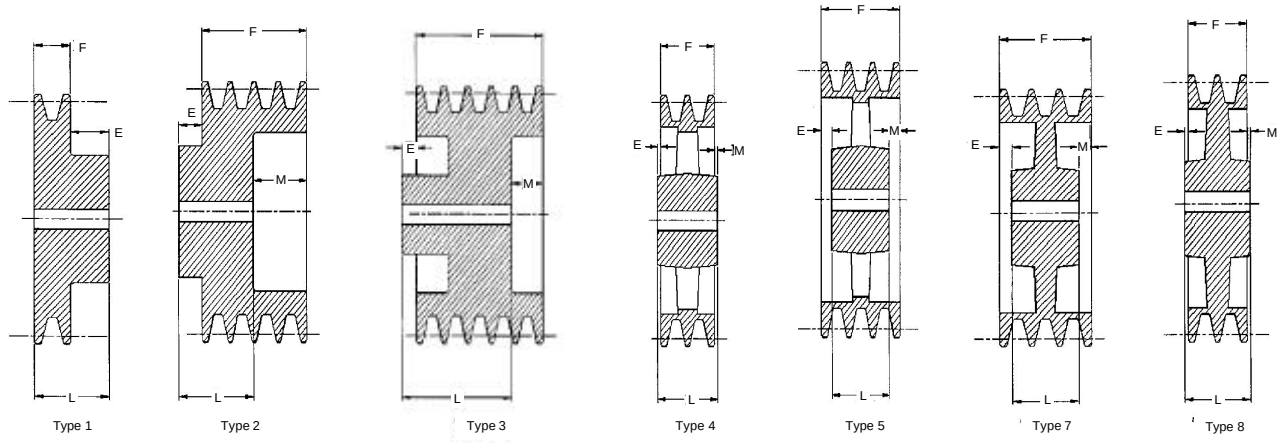
O.D. ■ Range	8 — Groove, F = 238 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 295 Type	L	E	M	O.D. ■ Range	12 — Groove, F = 352 Type	L	E	M
325-678	2	165	29	102	325-678	2	178	29	146	325-678	2	203	29	178
681-1008	5	190	24	24	681-1008	5	203	46	46	681-1008	5	216	68	68
1011-1466	5	203	18	18	1011-1466	5	229	33	33	1011-1466	5	241	56	56
1468-1770	5	229	5	5	1468-1770	5	241	27	27	1468-1770	5	254	49	49
1773-2075	4	241	2	2	1773-2075	5	254	21	21	1773-2075	5	279	37	37
2078-2154	4	254	8	8	2078-2154	5	279	8	8	2078-2154	5	305	24	24

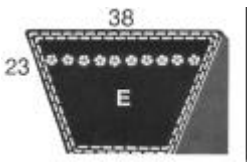
O.D. ■ Range	14 — Groove, F = 410 Type	L	E	M	O.D. ■ Range	16 — Groove, F = 467 Type	L	E	M	O.D. ■ Range	18 — Groove, F = 524 Type	L	E	M
325-678	2	235	29	197	325-678	2	267	29	229	325-678	2	419	29	133
681-1008	5	229	91	91	681-1008	5	254	106	106	681-1008	5	305	110	110
1011-1466	5	254	91	78	1011-1466	5	267	100	100	1011-1466	5	318	103	103
1468-1770	5	279	65	65	1468-1770	5	279	94	94	1468-1770	5	330	97	97
1773-2075	5	305	586	52	1773-2075	5	305	81	81	1773-2075	5	356	84	84
2078-2154	5	330	40	40	2078-2154	5	330	68	68	2078-2154	5	381	71	71

O.D. ■ Range	20 — Groove, F = 581 Type	L	E	M	O.D. ■ Range	22 — Groove, F = 638 Type	L	E	M	O.D. ■ Range	24 — Groove, F = 695 Type	L	E	M
325-678	2	457	29	152	325-678	2	483	29	184	325-378	2	559	29	165
681-1008	5	343	119	119	681-1008	5	521	71	71	681-1008	5	559	68	68
1011-1466	5	356	113	113	1011-1466	5	381	129	129	1011-1466	5	584	56	56
1468-1770	5	368	106	106	1468-1770	5	406	116	116	1468-1770	5	432	132	132
1773-2075	5	381	100	100	1773-2075	5	419	110	110	1773-2075	5	445	125	125
2078-2154	5	406	87	87	2078-2154	5	432	103	103	2078-2154	5	457	119	119

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

Made-to-Order Pulleys





MTO — D
Non-Banded

O.D. ■ Range	3 — Groove, F = 85 Type	L	E	M	O.D. ■ Range	4 — Groove, F = 111 Type	L	E	M	O.D. ■ Range	5 — Groove, F = 136 Type	L	E	M
315-668	3	71	7	45	224-280	3	71	20	57	224-280	3	90	23	36
671-998	7	80	3	3	300-400	5	90	10	10	300-400	7	100	18	18
1001-1455	5	80	3	3	425-710	5	100	10	10	425-710	5	100	18	18
1458-1760	4	80	3	3	800-1250	5	111	5	5	800-1250	5	125	6	6
1763-2065														
2068-2144														

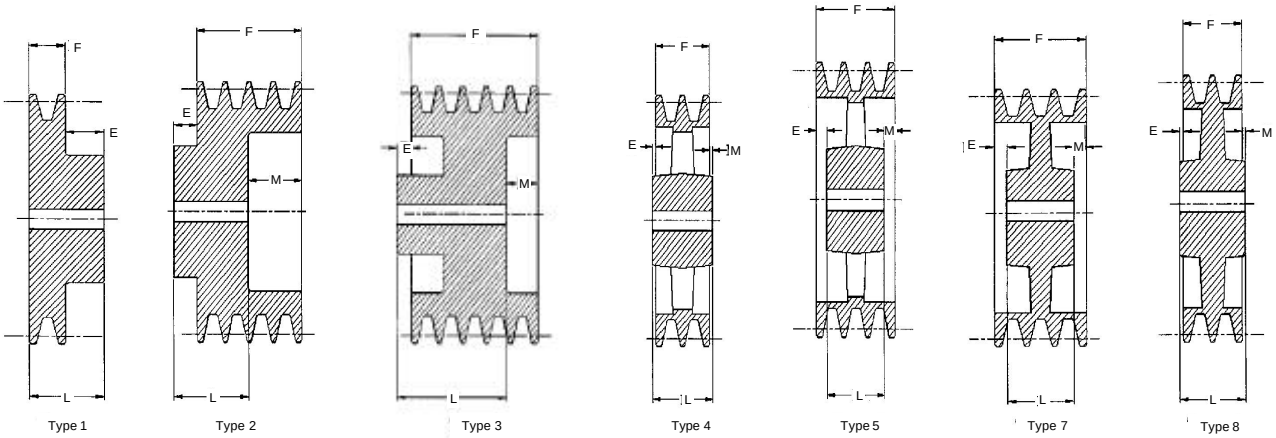
O.D. ■ Range	6 — Groove, F = 162 Type	L	E	M	O.D. ■ Range	7 — Groove, F = 188 Type	L	E	M	O.D. ■ Range	8 — Groove, F = 213 Type	L	E	M
224-265	3	100	30	48	224-265	3	105	22	48	224-265	3	137	22	74
280-300	7	100	30	30	280-300	7	115	22	22	280-300	7	173	22	22
315-1250	5	140	10	10	315-1250	5	140	22	22	315-1250	5	212	22	22

O.D. ■ Range	9 — Groove, F = 239 Type	L	E	M	O.D. ■ Range	10 — Groove, F = 265 Type	L	E	M	O.D. ■ Range	11 — Groove, F = 290 Type	L	E	M
224-400	7	125	22	22	224-400	7	150	22	22	224-400	7	180	22	22
400-630	7	140	22	22	400-630	7	165	22	22	400-630	7	190	22	22
630-900	7	150	22	22	630-900	7	180	22	22	630-900	7	205	22	22
900-1120	7	165	22	22	900-1120	7	190	22	22	900-1120	7	215	22	22
1120-1250	7	180	22	22	1120-1250	7	205	22	22	1120-1250	7	230	22	22
1422-1625	7	190	22	22	1422-1625	7	215	22	22	1422-1625	7	240	22	22

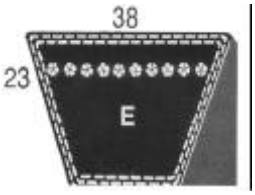
O.D. ■ Range	12 — Groove, F = 316 Type	L	E	M	O.D. ■ Range	13 — Groove, F = 342 Type	L	E	M	O.D. ■ Range	14 — Groove, F = 368 Type	L	E	M
224-400	7	180	22	22	224-400	7	205	22	22	224-400	7	205	22	22
400-630	7	190	22	22	400-630	7	205	22	22	400-630	7	205	22	22
630-900	7	205	22	22	630-900	7	215	22	22	630-900	7	215	22	22
900-1120	7	215	22	22	900-1120	7	230	22	22	900-1120	7	230	22	22
1120-1250	7	230	22	22	1120-1250	7	240	22	22	1120-1250	7	240	22	22
1422-1625	7	240	22	22	1422-1625	7	255	22	22	1250-1625	7	255	22	22

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

Made-to-Order Pulleys



O.D. ■ Range	5 — Groove, F = 191 Type	L	E	M	O.D. ■ Range	6 — Groove, F = 279 Type	L	E	M	O.D. ■ Range	8 — Groove, F = 368 Type	L	E	M
513-633	2	127	29	92	513-633	2	178	29	130	513-633	2	229	29	168
666-1146	5	152	19	19	666-1146	5	191	45	45	666-1146	5	241	64	64
1148-1450	5	165	13	13	1148-1450	5	203	38	38	1148-1450	5	254	57	57
1453-1857	5	190	0	0	1453-1857	5	216	38	38	1453-1857	5	267	51	51
1859-2111	5	190	0	0	1859-2111	5	229	25	25	1859-2111	5	279	45	45
2113-2139	5	203	6	6	2113-2139	5	241	19	19	2113-2139	5	292	38	38



MTO — E
Non-Banded

O.D. ■ Range	10 — Groove, F = 457 Type	L	E	M	O.D. ■ Range	12 — Groove, F = 546 Type	L	E	M	O.D. ■ Range	14 — Groove, F = 635 Type	L	E	M
513-633	2	279	29	206	513-633	2	432	29	143	513-633	2	482	29	181
666-1146	5	279	89	89	666-1146	5	330	108	108	666-1146	5	521	57	57
1011-1466	5	292	83	83	1148-1450	5	343	102	102	1148-1450	5	381	127	127
1148-1450	5	305	76	76	1453-1857	5	356	95	95	1453-1857	5	394	121	121
1453-2111	5	317	70	70	1859-2111	5	368	89	89	1859-2111	5	419	108	108
2113-2139	5	330	64	64	2113-2139	5	381	83	83	2113-2139	5	419	108	108

Dimensions in millimeters unless otherwise specified.
■ P.D. = O.D. + 20,3mm

V-Belt Drive Selection

PRIME MOVER: _____ (Type & Description) _____ (Rated (Nameplate) kW) _____ (Shaft Size) _____ (RPM)

DRIVEN COMPONENTS: _____ (Type & Description) _____ (Expected Hours Service) _____ (Shaft Size) _____ (RPM)

CENTER DISTANCE: _____ (Maximum — MM) _____ (Minimum — MM) _____ (Nominal — MM)

Step 1: Design Power (kW) _____ (Prime Mover kW) x _____ (Service Factor) = _____ (Design kW)

Step 2: Belt Cross Section _____

NOTE: If Prime Mover is electric motor, check minimum pulley diameter.

Minimum Pulley Diameter = _____

Step 3: Speed Ratio _____ (RPM Faster Shaft) ÷ _____ (RPM Slower Shaft) = _____ (Speed Ratio)

Step 4: From Rating Tables, determined by Belt Cross Section in Step 2, refer to proper Speed Ratio, then, reading across table determine:

A. _____ Prime Mover Pulley — MM

B. _____ Driven Pulley — MM

C. _____ Rated kW Per Belt

D. _____ Center Distance — MM

E. _____ Belt Size (Cross Section & No.)

F. _____ Correction Factor

Step 5: Number of Belts Required

A. _____ (Rated kW Per Belt) x _____ (Correction Factor) = _____ (Corr. kW Per Belt)

B. _____ (Design Power (kW)) ÷ _____ (Corr. kW Per Belt) = _____ (Number Of Belts*)

*If number contains a fraction, round off to next largest whole number

V-Belt Drive Selection

PRIME MOVER: _____ (Type & Description) _____ (Rated (Nameplate) kW) _____ (Shaft Size) _____ (RPM)

DRIVEN COMPONENTS: _____ (Type & Description) _____ (Expected Hours Service) _____ (Shaft Size) _____ (RPM)

CENTER DISTANCE: _____ (Maximum — MM) _____ (Minimum — MM) _____ (Nominal — MM)

Step 1: Design Power (kW) _____ (Prime Mover kW) x _____ (Service Factor) = _____ (Design kW)

Step 2: Belt Cross Section _____

NOTE: If Prime Mover is electric motor, check minimum pulley diameter.

Minimum Pulley Diameter = _____

Step 3: Speed Ratio _____ (RPM Faster Shaft) ÷ _____ (RPM Slower Shaft) = _____ (Speed Ratio)

Step 4: From Rating Tables, determined by Belt Cross Section in Step 2, refer to proper Speed Ratio, then, reading across table determine:

A. _____ Prime Mover Pulley — MM

B. _____ Driven Pulley — MM

C. _____ Rated Kw Per Belt

D. _____ Center Distance — MM

E. _____ Belt Size (Cross Section & No.)

F. _____ Correction Factor

Step 5: Number of Belts Required

A. _____ (Rated Kw Per Belt) x _____ (Correction Factor) = _____ (Corr. kW Per Belt)

B. _____ (Design Power (kW)) ÷ _____ (Corr. kW Per Belt) = _____ (Number of Belts*)

*If number contains a fraction, round off to next largest whole number