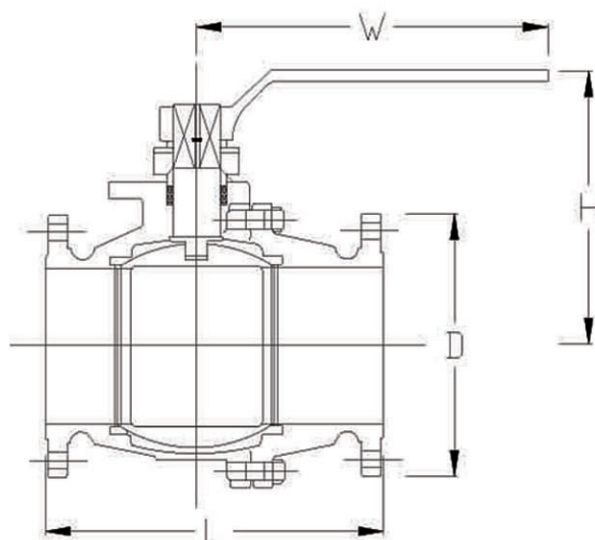


Cast Iron Ball Valve, ANSI 150 PSI

Model : IBA-F2



Specification Standards :

- Face to face dimensions : ASME B16.10
- Face to face connection : ASME B16.5

Features :

- Floating ball design
- Full port 2 - piece design
- Adjustable stem packing
- Lever handle operation
- Available upon request

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	< 120 °C

Materials :

No.	Parts	Material
1	Body	A126 Class B
2	Cap	A126 Class B
3	Stem	SUS304
4	Ball	A351 GR. CF8
5	Grand	A126 Class B
6	Grand packing	PTFE
7	Ball seat	PTFE
8	Gasket	PTFE
9	Thrust washer	PTFE
10	Handle	A126 Class B

Application :

- For general and industrial services
- Applicable medium : water, light oil

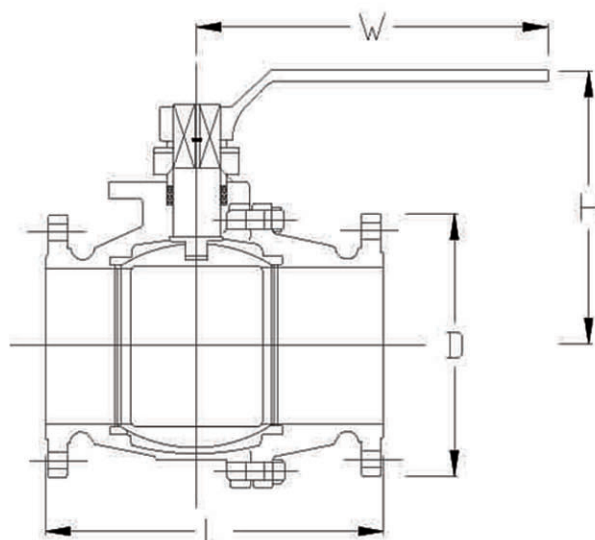
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
D	89	98	108	117	127	152	178	191	229	254	279	343	406
H	59	63	75	86	105	115	135	155	170	195	240	295	380
L	108	118	127	141	165	181	193	204	229	356	393	455	533
W	120	140	150	195	205	245	285	300	320	350	380	420	WORM

Cast Iron Ball Valve, ANSI 150 PSI

Model : IBA-F2



Specification Standards :

- Face to face dimensions : ASME B16.10
- Face to face connection : ASME B16.5

Features :

- Floating ball design
- Full port 2 - piece design
- Adjustable stem packing
- Lever handle operation
- Available upon request

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	< 120 °C

Materials :

No.	Parts	Material
1	Body	A126 Class B
2	Cap	A126 Class B
3	Stem	SUS304
4	Ball	A351 GR. CF8
5	Grand	A126 Class B
6	Grand packing	PTFE
7	Ball seat	PTFE
8	Gasket	PTFE
9	Thrust washer	PTFE
10	Handle	A126 Class B

Application :

- For general and industrial services
- Applicable medium : water, light oil

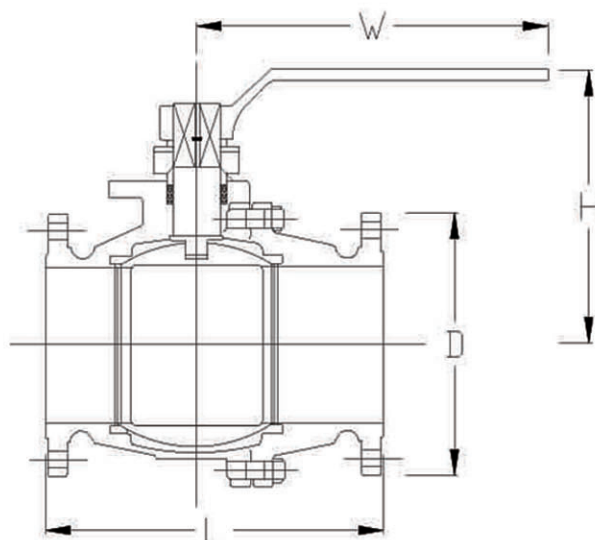
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
D	89	98	108	117	127	152	178	191	229	254	279	343	406
H	59	63	75	86	105	115	135	155	170	195	240	295	380
L	115	117	127	140	165	178	190	203	229	356	394	457	533
W	120	140	150	195	205	245	285	300	320	350	380	420	WORM

Cast Iron Ball Valve, JIS 10K

Model : IBA-F1



Specification Standards :

- Face to face dimensions : JIS B2002
- Face to face connection : JIS B2212/2213

Features :

- Floating ball design
- Full port 2 - piece design
- Adjustable stem packing
- Lever handle operation
- Available upon request

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	< 120 °C

Materials :

No.	Parts	Material
1	Body	FC200
2	Cap	FC200
3	Stem	SUS304
4	Ball	SCS13A
5	Grand	FC200
6	Grand packing	PTFE
7	Ball seat	PTFE
8	Gasket	PTFE
9	Thrust washer	PTFE
10	Handle	FC200

Application :

- For general and industrial services
- Applicable medium : water, light oil

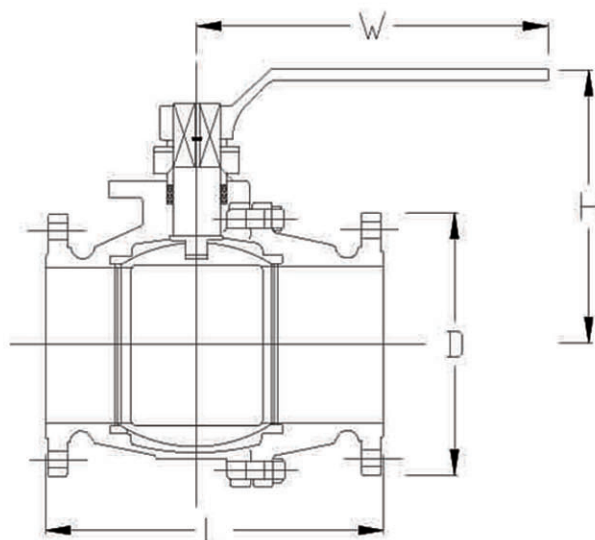
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
D	95	100	125	135	140	155	175	185	210	250	280	330	400
H	55	59	70	97	97	106	141	150	183	230	250	342	345
L	114	118	129	141	167	180	192	240	230	300	340	450	533
W	135	135	135	135	210	210	340	340	340	675	675	675	800

Cast Iron Ball Valve, JIS 10K

Model : IBA-F1



Specification Standards :

- Face to face dimensions : JIS B2002
- Face to face connection : JIS B2212/2213

Features :

- Floating ball design
- Full port 2 - piece design
- Adjustable stem packing
- Lever handle operation
- Available upon request

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	< 120 °C

Materials :

No.	Parts	Material
1	Body	FC200
2	Cap	FC200
3	Stem	SUS304
4	Ball	SCS13A
5	Grand	FC200
6	Grand packing	PTFE
7	Ball seat	PTFE
8	Gasket	PTFE
9	Thrust washer	PTFE
10	Handle	FC200

Application :

- For general and industrial services
- Applicable medium : water, light oil

Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
D	95	100	125	135	140	155	175	185	210	250	280	330	400
H	59	63	75	86	105	115	135	155	170	195	240	295	380
L	115	117	127	140	165	178	190	203	230	356	394	457	533
W	120	140	150	195	205	245	285	300	320	350	380	420	Gear

Cast Iron Ball Valve, PN 16

Model : IBA-F3

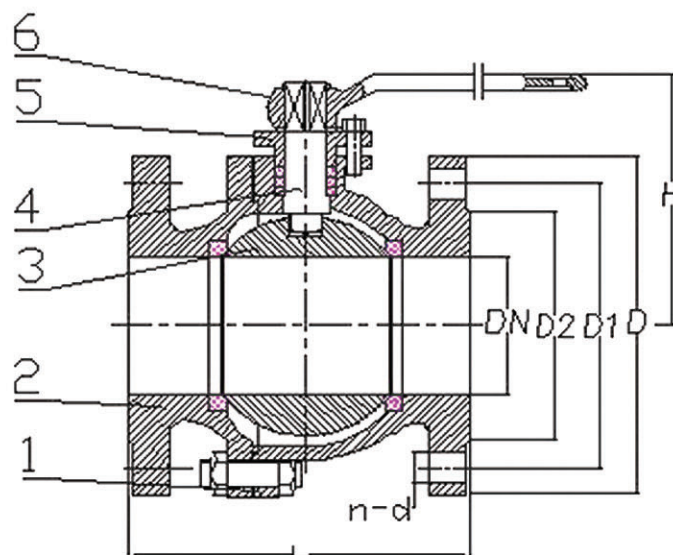


Specification Standards :

- Flange drilled is according to BS 4504

Features :

- Flanged end connection
- 2-pieces body design
- Full port
- Lever handle operation
- Note :
- Virgin PTFE or carbon - filled PTFE (reinforced - PTFE) (carbon filled) are available up on request



Materials :

No.	Parts	Material
1	Body	Cast iron (GG25)
2	Bonnet	Cast iron (GG25)
3	Ball	Stainless steel SS304
4	Stem	Stainless steel SS410
5	Seat	PTFE
6	Handle	Ductile iron (GGG50)

Test Requirements

Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	< 120 °C

Application :

- For general and industrial services
- Applicable medium : water, oil

Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
D	95	105	115	140	150	165	185	200	220	250	285	340	533
H	59	63	75	86	105	115	135	155	170	195	240	295	380
L	115	117	127	140	165	178	190	203	229	356	394	457	533
W	120	140	150	195	205	245	285	300	320	350	380	420	WORM