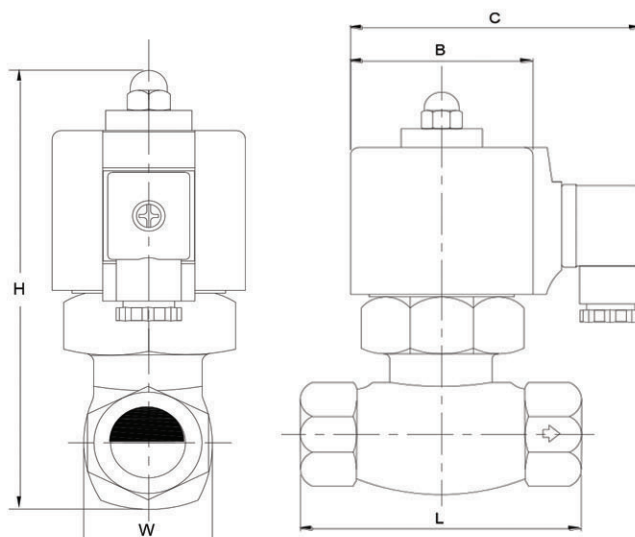
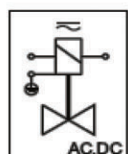


Brass 2/2 Way Solenoid Valve, BSPT (Steam)

Model : BAL-S200



Specification Standards :

- Pilot operated type, piston design, normally closed
- Valve de-energized closed by spring power normally close (NC) when energized, the pressure decomposes the secondary side of the piston, then the pressure differential lift the piston from the seat, a pressure differential is necessary for proper operation

Features :

- Using PTFE sealing, it is suitable for high temperature fluid flow
- Top centre structure, automatic sealing compensation extended the service life of valve
- Solenoid magnetic field design can make this valve reach higher pressure
- Lead wire IP54
- Normally closed type
- Voltage : 240 VAC, 50Hz
- Optional : 24 VDC, 50Hz
- Available upon special request

Application :

- For general and industrial services
- Applicable medium : hot water, hot air, steam

Materials :

No.	Parts	Material
1	Sealing	PTFE
2	Body	Brass
3	Stem	SS304
4	Coil	Carbon steel

Note :

- Please clean up the inside of pipes before fitted
- A strainer or filter has to be installed one meter away from the solenoid valve

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	-5 ~ 80 °C

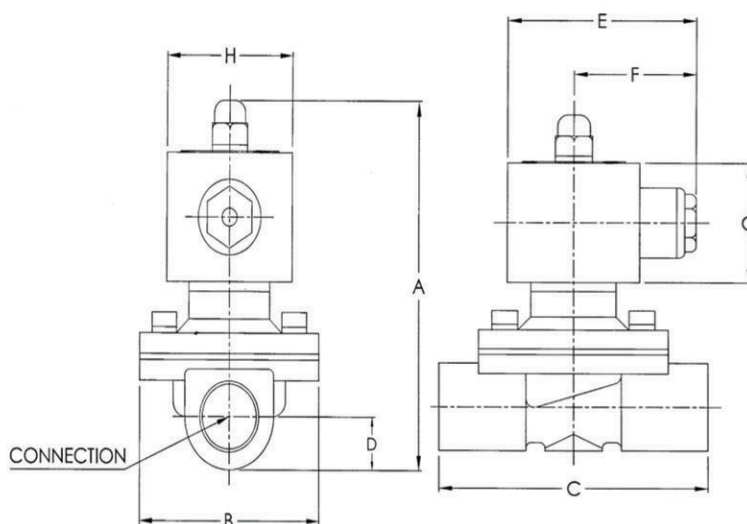
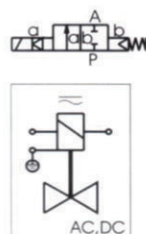
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/2"	1-1/4"	2"
B	63	63	63	63	63	63
C	97.5	97.5	97.5	97.5	97.5	97.5
H	148	148	160	178	178	223
L	83	83	95	110	110	165
W	41.5	41.5	52.5	70	70	88.5

Brass 2/2 Way Solenoid Valve, BSPT (Water)

Model : BAW-S200



Specification Standards :

- Force lifting, direct acting type, diaphragm structure, can be work at 0 pressure, expanding the using area
- Plate diaphragm structure, high reliability, long life
- Valve body can be made from brass, stainless steel
- Plastic encapsulating coil, be able to use under numerous environment

Features :

- Can be installed in any position but the level condition to keep coil upside best for long life
- Small volume, high flow, little electric power required
- Coil is design to turn in free direction
- Normally closed type
- DIN Coil IP65
- Voltage : 240 VAC, 50Hz
- Optional : 24 VDC, 50Hz
- Available upon special request

Application :

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

Materials :

No.	Parts	Material
1	Diaphragm	EPDM / NBR / Viton
2	Body	Brass
3	Stem	SS304
4	Coil	Plastic

Note :

- Please clean up the inside of pipes before fitted
- A strainer or filter has to be installed one meter away from the solenoid valve

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	-5 ~ 80 °C

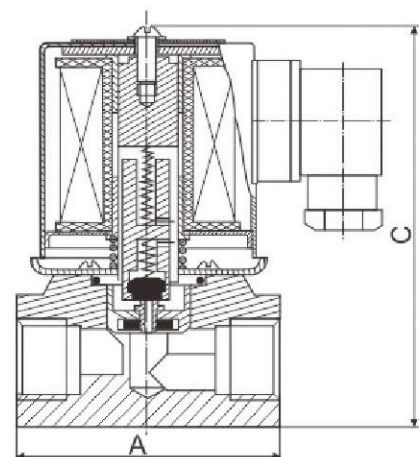
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	109	118	112	166	168.5	192
B	57.5	57.5	72	96	96	126
C	68	71.5	94	116.5	116.5	160.5
D	13.2	16	20.5	26	29.5	38.5
E	71.3	72	71.5	91.5	91.5	91.5
F	46.5	46.5	48.5	56.5	56.5	56.5
G	42.5	43	43.5	64.7	64.7	64.7
H	50	50	50	70	70	70

Brass 2/2 Way Solenoid Valve, BSPT (Waterproof)

Model : BAP-S200



Specification Standards :

- Waterproof, Force lifting, direct acting type, and diaphragm structure,
- Plate diaphragm structure, high reliability, long life
- Valve body can be made from brass, stainless steel

Features :

- Can be installed in any position but the level condition to keep coil upside best for long life
- Small volume, high flow, little electric power required
- Coil is design to turn in free direction
- Normally closed type
- DIN Coil IP68
- Voltage : 240 VAC, 50Hz
- Optional : 24 VDC, 50Hz
- Available upon special request

Application :

- Suitable for water fountain, running spring and musical fountain control equipment
- Can be use for underwater and waterproof application
- Applicable medium : water, river water and artificial water

Note :

- Please clean up the inside of pipes before fitted
- A strainer or filter has to be installed one meter away from the solenoid valve

Materials :

No.	Parts	Material
1	Diaphragm	EPDM / NBR / Viton
2	Body	Brass
3	Cap	SS304
4	Stem	SS304
5	Coil	Plastic

A	B	C	Size
51	52	85	G3/8"
62	55	102	G3/8"
62	55	102	G1/2"
67	55	113	G3/4"
86	73	117	G1"
90	77	130	G1-1/4"
106	67	164	G1-1/2"
123	93	176	G2"

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	0 ~ 60 °C

Brass Fire Angle Hose Valve, NPT, Class 300 PSI

Model : BFA-N300



Specification Standards :

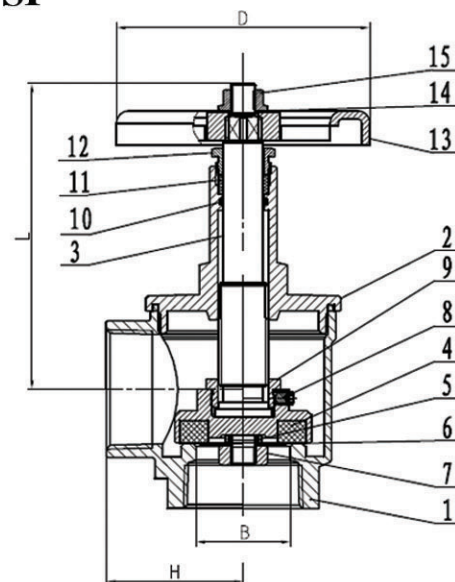
- Pipe thread end is according : ANSI B1.20.1 / NPT

Features :

- Screwed end BSPT/PP connection
- Forged brass
- Screwed over bonnet
- Non - rising stem, inside wedge disc
- Hand - wheel operation
- Used as fire hose outlet connection
- Rubber disc

Application :

- For general and industrial services
- Applicable medium : water



Materials :

No.	Parts	Material
1	Body	Brass
2	Bottom bonnet	Brass
3	Stem	SS304
4	Rubber gasket	NBR
5	Brass disk	Brass
6	Gasket	SS304
7	Wheel nut	SS304
8	Wheel nut	SS304
9	Hex-nut	Brass
10	O-ring	NBR
11	Packing gland	PTFE
12	Hex-nut	Brass
13	Wheel nut	Y102
14	Name plate	Aluminum
15	Wheel nut	Q235A

Dimensions mm

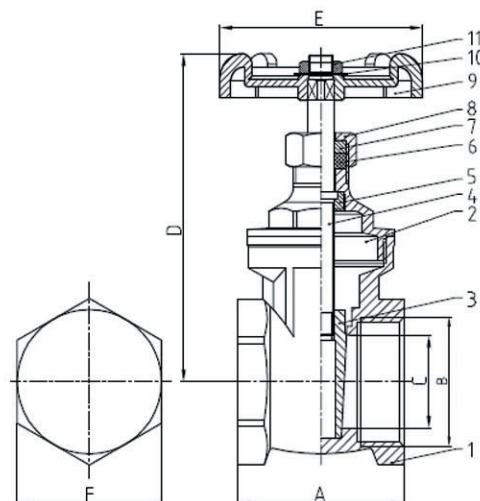
Size	1-1/2"
B	38
D	102
H	55
L	123

Test Requirements

Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	≤ 80 °C

Brass Gate Valve, BSPT, Class 200 PSI

Model : BGA-ASW



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- Non - rising stem, inside wedge disc
- Hand - wheel operation

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

Materials :

No.	Parts	Material
1	Body	Brass (HPB57-3)
2	Bonnet	Brass (HPB57-3)
3	Disc	Brass (HPB57-3)
4	Lock nut	Brass (HPB57-3)
5	Stem	Brass (HPB57-3)
6	Stem packing	Brass (HPB57-3)
7	Gland	PTFE
8	Packing nut	Brass (HPB57-3)
9	Handwheel	Q235A
10	Name plate	Aluminium
11	Wheel nut	Steel

Test Requirements

Working pressure	200 PSI (14 Bar)
Maximum pressure	230 PSI (16 Bar)
Shell test pressure	300 PSI (20 Bar)
Applicable temperature	< 120 °C

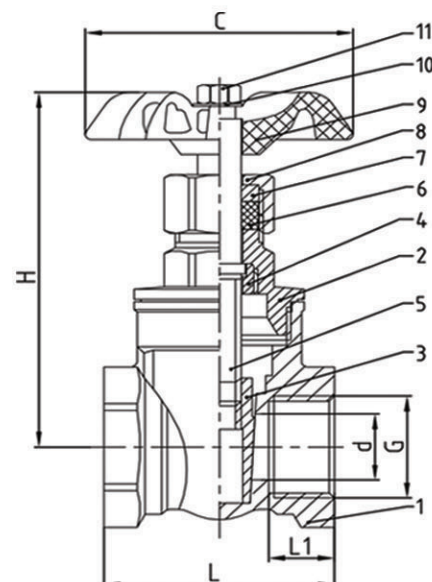
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
A	41	44	51	59	63	67	88	100	113
C	13	19	25	31	36	46	61	76	92
D	72	85	97	116	124	152	212	237	281
DN	15	20	25	32	40	50	65	80	100
E	53	55	60	75	75	80	110	110	145

Brass Gate Valve, BSPT, Class 200 PSI

Model : BGA-AKZ



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- Non - rising stem, inside wedge disc
- Hand - wheel operation

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

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	Brass (HPB57-3)
2	Bonnet	Brass (HPB57-3)
3	Disc	Brass (HPB57-3)
4	Lock nut	Brass (HPB57-3)
5	Stem	Brass (HPB57-3)
6	Stem packing	Brass (HPB57-3)
7	Gland	PTFE
8	Packing nut	Brass (HPB57-3)
9	Handwheel	Aluminium
10	Name plate	Aluminium
11	Wheel nut	Steel

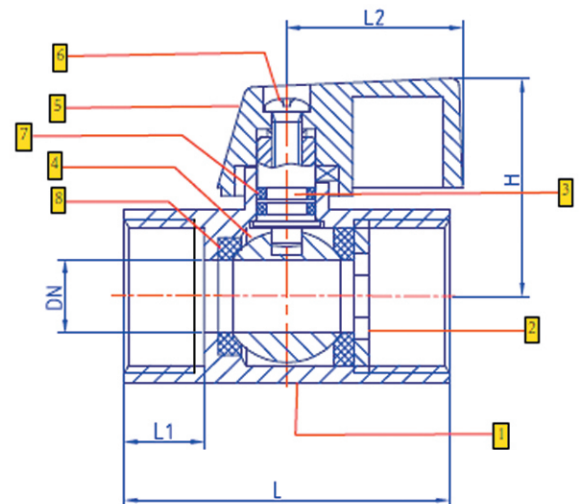
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	42	46.5	50	59.5	63	71	81.5	92	114
L1	12	13.5	13.5	15.5	16	19	22	24	29
d	13	19.5	25	31.5	37	49	55	66	84
H	71	71	93	111	121	153	186	200	236
C	50	55	60	70	80	90	100	115	115

Brass Mini Ball Valve, BSPT, Female X Female

Model : BMBA-FF



Specification Standards :

- Threaded end according to BSPT standard
- Pipe thread end is according : ISO 228 (DIN 259) BS 21 (JIS B0203)

Features :

- Threaded ends to BSPT (BS21) or NPT (ANSI B1.20.1)
- Screwed end BSPT/PP connection
- Forged brass
- Available upon special request

Application :

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

Dimensions mm

Size	1/4"	3/8"	1/2"	3/4"
DN	8	8	10	13.5
H	29	29	29	32.5
L	42	42	44.5	49.5
L1	9	9	11	12
L2	24	24	24	24

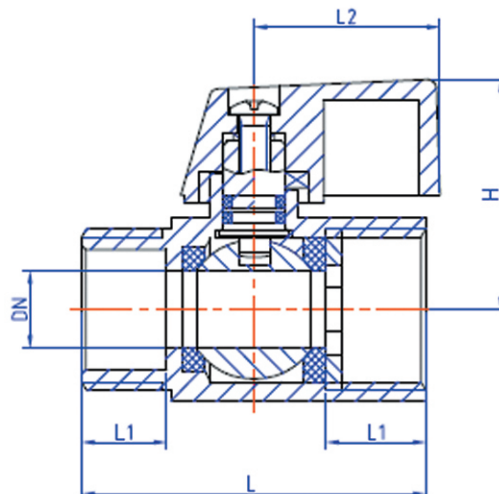
Materials :

No.	Parts	Material
1	Body	Chromed forged brass
2	Cap	Forged brass
3	Stem	Brass
4	Ball	Chromed forged brass
5	Handle	Zinc ally
6	Srew	Steel
7	Packing gland	PTFE
8	Ball seat	PTFE

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	100 °C

Brass Mini Ball Valve, BSPT, Female X Male

Model : BMBA-FM



Specification Standards :

- Threaded end according to BSPT standard
- Pipe thread end is according : ISO 228 (DIN 259) BS 21 (JIS B0203)

Features :

- Threaded ends to BSPT (BS21) or NPT (ANSI B1.20.1)
- Screwed end BSPT/PP connection
- Forged brass
- Available upon special request

Application :

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

Dimensions

mm

Size	1/4"	3/8"	1/2"	3/4"
DN	8	8	10	13.5
H	29	29	29	32.5
L	42	42	47.5	49.5
L1	10	10	11.5	12
L2	24	24	24	24

Materials :

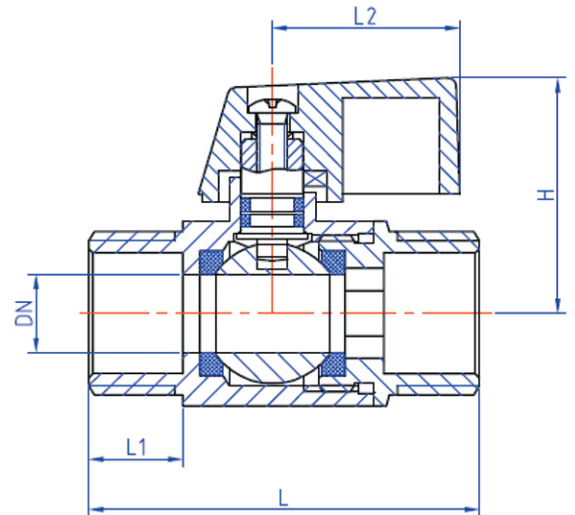
No.	Parts	Material
1	Body	Chromed forged brass
2	Cap	Forged brass
3	Stem	Brass
4	Ball	Chromed forged brass
5	Handle	Zinc ally
6	Srew	Steel
7	Packing gland	PTFE
8	Ball seat	PTFE

Test Requirements

Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	100 °C

Brass Mini Ball Valve, BSPT, Male X Male

Model : BMBA-MM



Specification Standards :

- Threaded end according to BSPT standard
- Pipe thread end is according : ISO 228 (DIN 259) BS 21 (JIS B0203)

Features :

- Threaded ends to BSPT (BS21) or NPT (ANSI B1.20.1)
- Screwed end BSPT/PP connection
- Forged brass
- Available upon special request

Application :

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

Dimensions mm

Size	1/4"	3/8"	1/2"	3/4"
DN	8	8	10	13.5
H	27.5	27.5	29	32.5
L	45	45	49.5	54
L1	10.5	10.5	12	12.5
L2	24	24	24	24

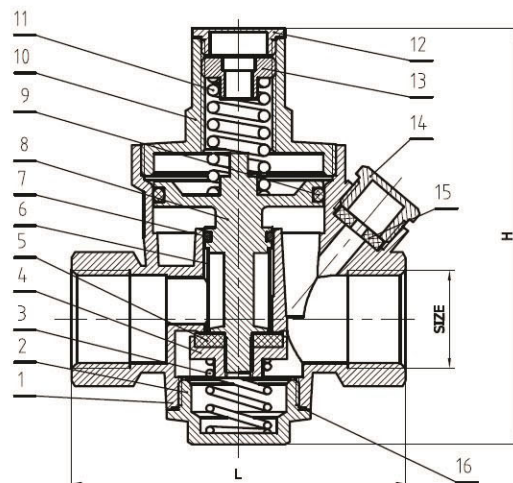
Materials :

No.	Parts	Material
1	Body	Chromed forged brass
2	Cap	Forged brass
3	Stem	Brass
4	Ball	Chromed forged brass
5	Handle	Zinc ally
6	Screw	Steel
7	Packing gland	PTFE
8	Ball seat	PTFE

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	100 °C

Brass Pressure Reducing Valve, BSPT

Model : BPRV-S200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- Compensated piston operation
- Body in Brass
- Maximum inlet pressure 10 bar
- Outlet pressure can be adjusted between 1 and 6 bar
- Factory preadjustment 3 bar

Application :

- For general and industrial services
- Applicable medium : water

Note :

- Maximum working pressure 10 Bar
- Can be assembly with pressure gauge at the outlet

Materials :

No.	Parts	Material
1	Body	Brass
2	Bottom bonnet	Brass
3	Spring plate	Brass
4	Disc	NBR
5	Rubber gasket	NBR
6	Net	SS304
7	O-ring	NBR
8	Axis guide	Brass
9	O-ring	NBR
10	Bonnet	Brass
11	Spring	50GrVA
12	Protect cover	Brass
13	Test pressure bonnet	Brass
14	Plug bonnet	Brass
15	Rubber gasket	NBR
16	Packing gland	PTFE

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	≤ 80 °C

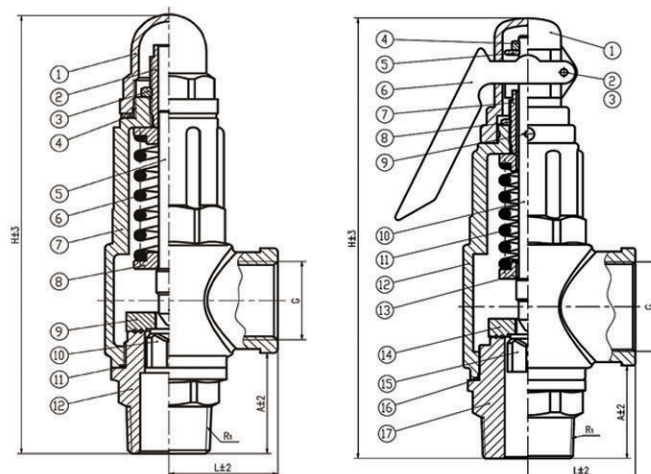
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
DN	15	20	25	32	40	50
H	90	90	107	113	153	153
L	72	73	80	85	100	110

Brass Safety Valve, BSPT, Class 200 PSI

Model : BSV-RL, BSV-RNL



Specification Standards :

- Design for durability
- Compact affordable alternative for air, steam, gas, water, oil, etc under 150 PSI
- Available in DN15 - DN50 inlets
- Ideal overpressure protection for steam boiler, sterilizers, distillers, cookers, piping system & unfired pressure vessels

Features :

- Screwed end BSPT connection
- Full port
- Screwed body cap
- Spring loaded
- Stainless steel spring

Application :

- For general and industrial services
- Applicable medium : water, oil, & non-corrosive and non-combustible gas, steam

Note :

- Material's table refer to the lever type
- Maximum working pressure 10 Bar

Materials :

No.	Parts	Material
1	Bonnet	C83600 (Brass)
2	Spindle	SS304
3	Ring pull	SS304
4	Nut	SS304
5	Fixed nut	CW617N (Brass)
6	Lever	SS304
7	Adjust screw	CW617N (Brass)
8	Fixed nut	CW617N (Brass)
9	Screw	SS304
10	Spindle	CW617N (Brass)
11	Spring	SS304
12	Body	C83600 (Brass)
13	Spring seat	CW617N (Brass)
14	Disc	Brass / RPTFE
15	Buffer	CW617N (Brass)
16	Gasket ring	PTFE
17	Seat	CW617N (Brass)

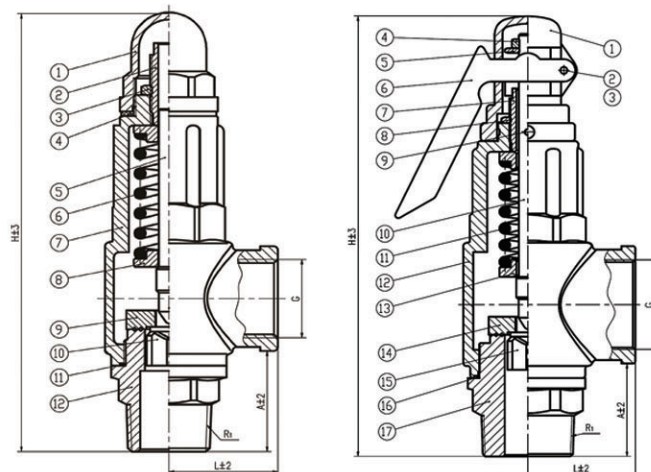
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	Test Requirements	
A	32	33.5	41.5	46.5	51	60	Working Pressure	150 PSI (10 Bar)
DN	15	20	25	32	40	50	Maximum Pressure	200 PSI (14 Bar)
H	159.5	169	199.5	216.5	243	283	Shell Test Pressure	300 PSI (21 Bar)
L	31	35	39.5	50	59	67	Applicable Temperature	<150 °C

Brass Safety Valve, BSPT, Class 200 PSI

Model : BSV-VL, BSV-VNL, BSV-ML



Specification Standards :

- Design for durability
- Compact affordable alternative for air, steam, gas, water, oil, etc under 150 PSI
- Available in DN15 - DN50 inlets
- Ideal overpressure protection for steam boiler, sterilizers, distillers, cookers, piping system & unfired pressure vessels

Features :

- Screwed end BSPT connection
- Full port
- Screwed body cap
- Spring loaded
- Stainless steel spring

Application :

- For general and industrial services
- Applicable medium : water, oil, & non-corrosive and non-combustible gas, steam

Note :

- Material's table refer to the lever type
- Maximum working pressure 10 Bar

Materials :

No.	Parts	Material
1	Bonnet	C83600 (Brass)
2	Spindle	SS304
3	Ring pull	SS304
4	Nut	SS304
5	Fixed nut	CW617N (Brass)
6	Lever	SS304
7	Adjust screw	CW617N (Brass)
8	Fixed nut	CW617N (Brass)
9	Screw	SS304
10	Spindle	CW617N (Brass)
11	Spring	SS304
12	Body	C83600 (Brass)
13	Spring seat	CW617N (Brass)
14	Disc	Brass / VITON
15	Buffer	CW617N (Brass)
16	Gasket ring	PTFE
17	Seat	CW617N (Brass)

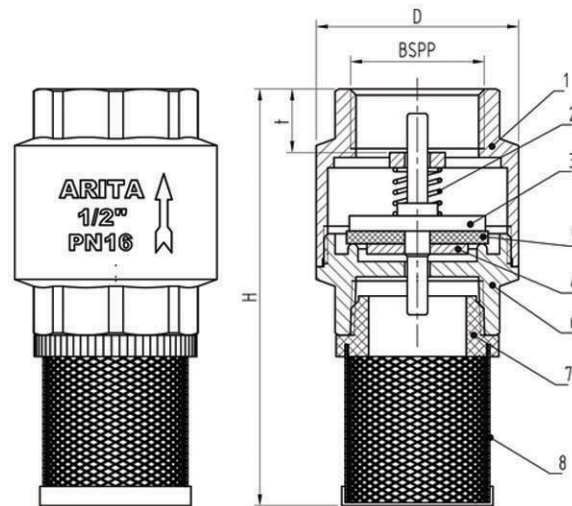
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	Test Requirements	
A	32	33.5	41.5	46.5	51	60	Working Pressure	150 PSI (10 Bar)
DN	15	20	25	32	40	50	Maximum Pressure	200 PSI (14 Bar)
H	159.5	169	199.5	216.5	243	283	Shell Test Pressure	300 PSI (21 Bar)
L	31	35	39.5	50	59	67	Applicable Temperature	<150 °C

Brass Spring Check Foot Valve, BSPT

Model : BFT-S200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259) BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- The valve are designed to prevent reverse flow automatically
- Spring in stainless steel
- Stem in brass
- Spring load type disc
- Filter in stainless steel

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

Materials :

No.	Parts	Material
1	Body	Brass (HPB57-3)
2	Spring	Stainless steel
3	Piston	Brass (HPB57-3)
4	Spring-board	Brass (HPB57-3)
5	Seal gasket	NBR / EPDM
6	Bonnet	Brass (HPB57-3)
7	Bonnet	ABS
8	Filter	Stainless steel

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	-20 ~ 80 °C

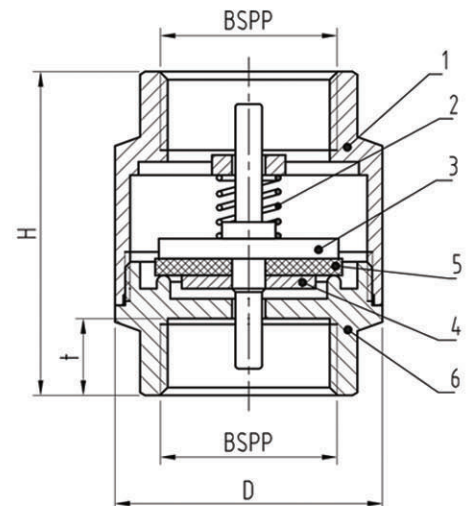
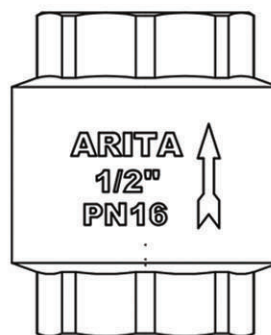
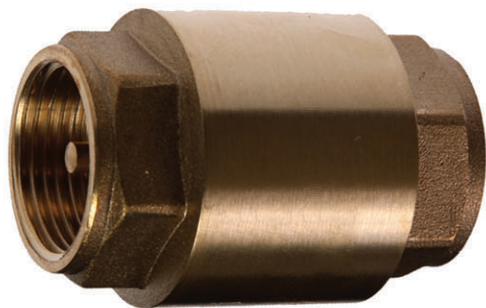
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	33.5	40	45.5	57.5	67	80	97.5	111	140
H	75.5	85.5	99.5	110.5	128.5	145.5	170	186.5	223.5
PN	16	16	16	16	16	16	16	16	16
t	11.5	12.5	15	16	16	18	22.5	24.2	26

Brass Spring Check Valve, BSPT

Model : BSP-S200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259) BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- The valve are designed to prevent reverse flow automatically
- Spring in stainless steel
- Stem in brass
- Spring load type disc

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

Materials :

No.	Parts	Material
1	Body	Brass (HPB57-3)
2	Spring	Stainless steel
3	Piston	Brass (HPB57-3)
4	Spring-board	Brass (HPB57-3)
5	Seal gasket	NBR / EPDM
6	Bonnet	Brass (HPB57-3)

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	-20 ~ 80 °C

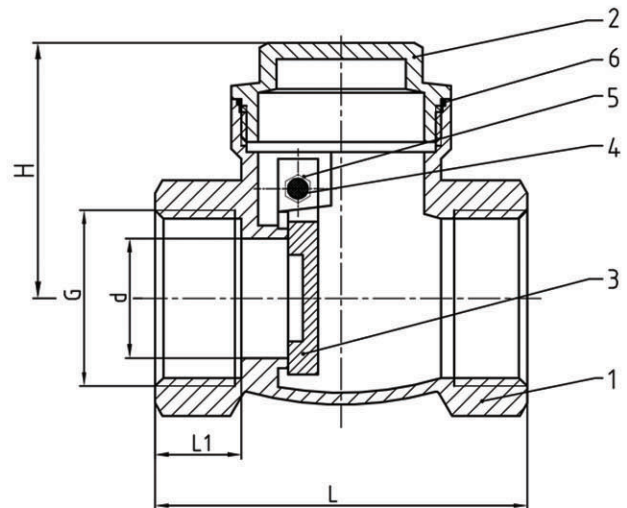
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	33.5	40	45.5	57.5	67	80	97.5	111	140
H	46	49.5	57	62.5	72	79.5	94	101.5	121.7
PN	16	16	16	16	16	16	16	16	16
t	11.5	12.5	15	16	16	18	22.5	24.2	26

Brass Swing Check Valve, BSPT, Class 200 PSI

Model : BSW-S200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- The valve are designed to prevent reverse flow automatically
- Swing type disc

Materials :

No.	Parts	Material
1	Body	Brass (HPB57-3)
2	Bonnet	Brass (HPB57-3)
3	Disc	Brass (HPB57-3)
4	Copper rod	Brass (HPB57-3)
5	Nut	Brass (HPB57-3)
6	Packing gland	Polysulfone

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

Test Requirements	
Working Pressure	150 PSI (10 Bar)
Maximum Pressure	200 PSI (14 Bar)
Shell Test Pressure	300 PSI (21 Bar)
Applicable Temperature	-20 ~ 120 °C

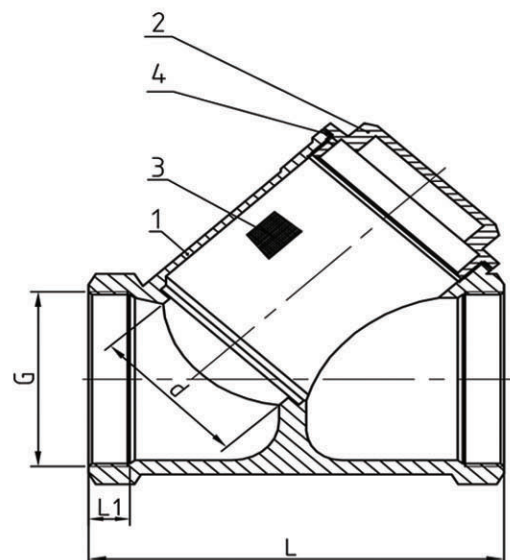
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	52.5	57	66	74	79.5	91.5	112	139	173
L1	15.5	12.5	14	15.5	16.5	19	19	20	26
d	13.5	18	24	27	35.5	41	53	66	90
H	35.5	39.5	45.5	53.5	58	63	79	87	106

Brass Y-Strainer, BSPT, Class 200 PSI

Model : BYS-S200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- Screwed end BSPT/PP connection
- Forged brass
- Cleaning of screen without disassembling
- Screen stainless steel
- Y - pattern body design
- Screwed cap

Application :

- For general and industrial services
- Applicable medium : water, light oil, & non-corrosive and non-combustible gas

Materials :

No.	Parts	Material
1	Body	Brass (HPB57-3)
2	Bonnet	Brass (HPB57-3)
3	Net	SS304
4	Packing gland	Polysulfone

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

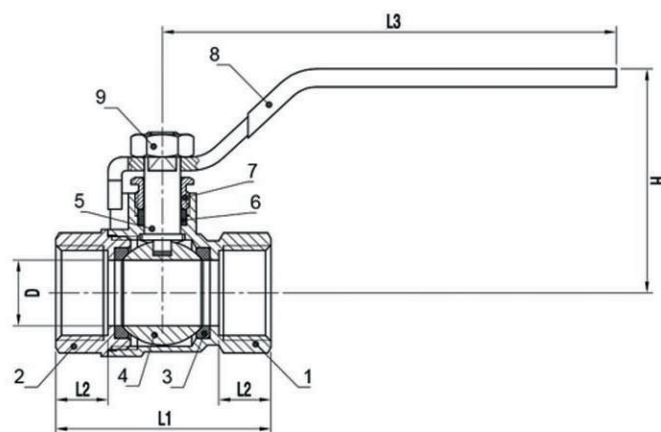
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	60	71	80	91	101	125	175	176	206
L1	14	15	16	16	16	18	18	19	24
d	15	20	24	30	35	44	55	70	85

Full Bore Brass Ball Valve, BSPT, Class 200 PSI

Model : BBA-AF200



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- 2 piece body design, Full Port
- Screwed end BSPT/PP connection
- Forged brass
- Lever operation
- Available upon special request

Application :

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

Materials :

No.	Parts	Material
1	Body	Brass
2	Bonnet	Brass
3	Seat	Plastic
4	Ball	Iron
5	Stem	Iron
6	Packing gland	Plastic
7	Packing nut	Brass
8	Handle	Steel
9	Hexagonal nut	Steel

Test Requirements

Working pressure	200 PSI (14 Bar)
Maximum pressure	230 PSI (16 Bar)
Shell test pressure	300 PSI (20 Bar)
Applicable temperature	< 80 °C

*N.P. = Nickel plated, C.P. = Chrome plated

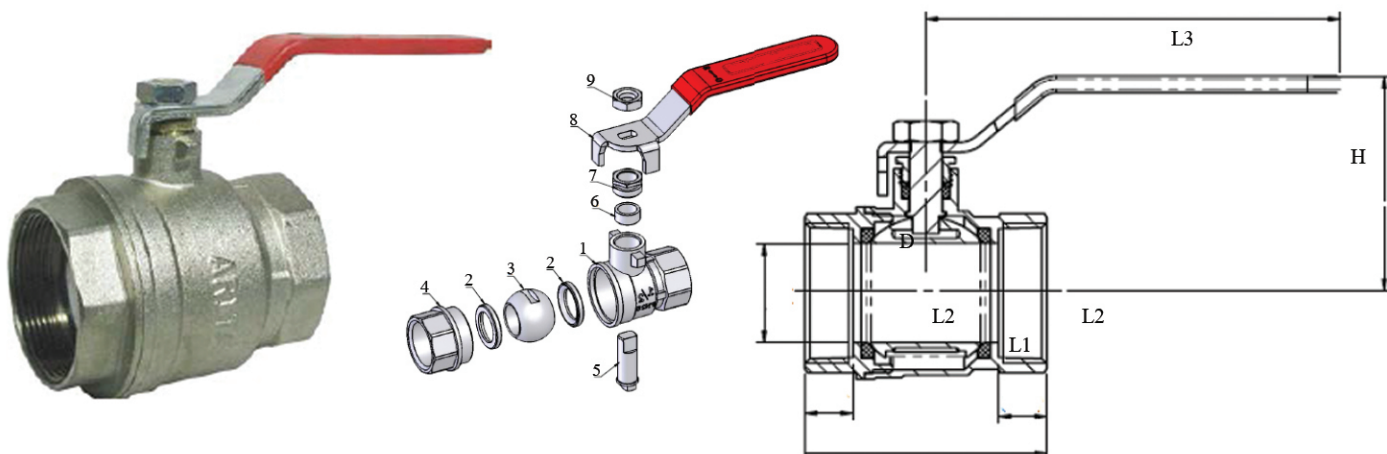
Dimensions

mm

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
D	14.5	19	23	30	37	44
H	49	52.5	57.5	75	81.5	91.5
L1	47.5	53	63.5	77.5	79.5	98
L2	11.5	11.5	14	17	14.5	18.5
L3	100	100	110	140.5	163	159

Full Bore Brass Ball Valve, BSPT, Class 400 PSI

Model : BBA-AF400



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- 2 piece body design, full port
- Screwed end BSPT/PP connection
- Forged brass
- Lever operation
- Available upon special request

Application :

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

Materials :

No.	Parts	Material
1	Body	N.P. Forged brass
2	Ball seat	PTFE
3	Ball	C.P. Brass
4	Bonnet	N.P. Forged brass
5	Stem	Brass
6	Gland	PTFE
7	Packing nut	Brass
8	Handle	C.P. Steel
9	Handle nut	N.P. Steel

*N.P. = Nickel plated, C.P. = Chrome plated

Test Requirements

Maximum Pressure	400 PSI (25 Bar)
Shell Test Pressure	600 PSI (40 Bar)
Applicable Temperature	< 120 °C

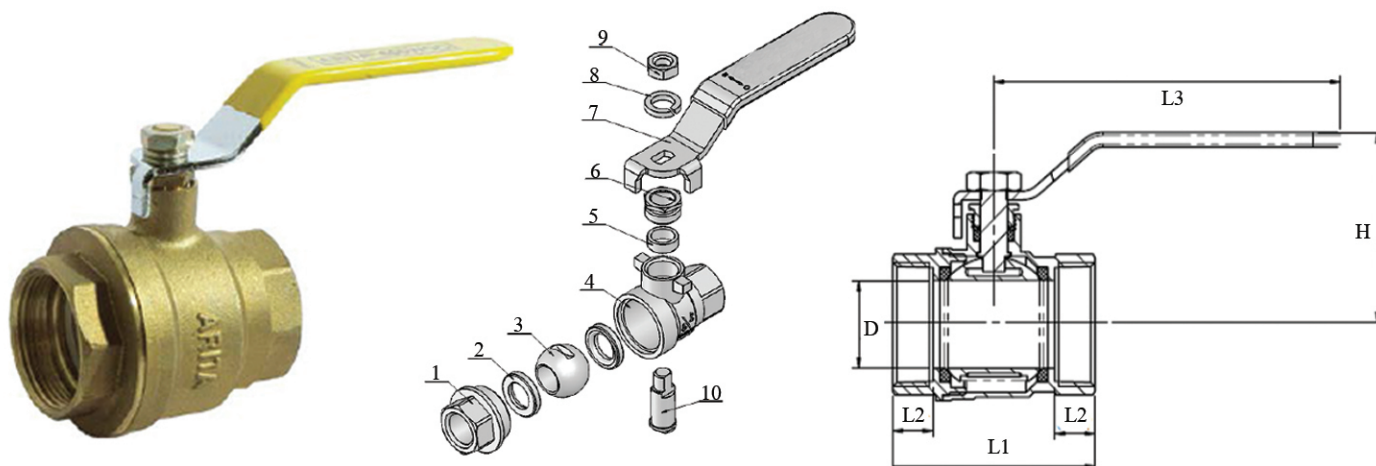
Dimensions

mm

Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	8	10	15	20	25	32	40	50	65	80	100
H	39.7	40.7	47.8	50.5	60.5	65	80.5	92	115.5	124	135.5
L1	38	43	48	58	64	73	83	99	125	153	171
L2	9	10	12	14.5	14	14.5	15	17.5	23	29	29.5
L3	89	89	98.5	98.5	125	125	140	140	236	283	283

Full Bore Brass Ball Valve, BSPT, Class 600 PSI

Model : BBA-AF600



Specification Standards :

- Pipe thread end is according : ISO 228 (DIN 259)
BS 21 (JIS B0203)

Features :

- 2 piece body design, full port
- Screwed end BSPT/PP connection
- Forged brass
- Lever operation
- Available upon special request

Application :

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

Materials :

No.	Parts	Material
1	Bonnet	Brass
2	Ball seat	PTFE
3	Ball	Brass
4	Body	Brass
5	Packing gland	PTFE
6	Packing nut	Brass
7	Handle	C.P. Steel
8	Gasket	Steel
9	Packing nut	N.P. Steel
10	Stem	Brass

*N.P. = Nickel plated, C.P. = Chrome plated

Test Requirements

Maximum Pressure	600 PSI (40 Bar)
Shell Test Pressure	900 PSI (60 Bar)
Applicable Temperature	< 150 °C

Dimensions

mm

Size	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
D	8	10	15	20	25	32	40	50
H	39	39	48	52	60.7	74.5	82.5	92.5
L1	42	43	54	63	72	82	94	114
L2	10.5	11	13.5	15.5	17.5	19	19	23.5
L3	89	89	98.5	98.5	125	140	140	165