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1008 Bronze Ball Valve (Screwed)

Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Full Bore, Two Piece Design.
- Quarter Turn, Lever Operated.
- Provided with Stainless Steel Ball.
- Premium Quality PTFE Gland Packing and Seating.

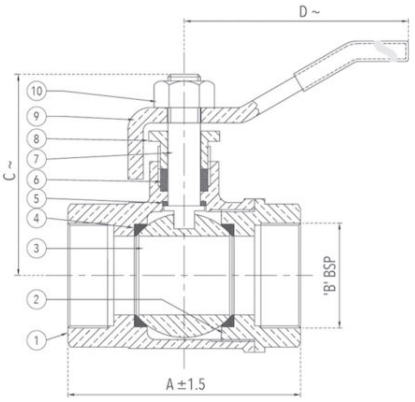


Test Pressure (Hydrostatic) :
Shell : 25 kg/cm²g (350 psig)
Seat : 16 kg/cm²g (225 psig)
Maximum Working Temperature : 220°C

Suitable For
Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Body	Bronze	IS 318 GR. LTB 2	1
2	Bonnet	Bronze / Forged Brass	IS 318 GR. LTB 2 / IS 6912 Gr. FLB	1
3	Ball	Stainless Steel	ASTM A276 Type 304 / ASTM A351 Gr. CF8	1
4	Body Seat Ring	PTFE	- - -	2
5	Thrust Washer	PTFE	- - -	1
6	Gland Packing	PTFE	- - -	-
7	Stem	Stainless Steel	ASTM A276 Type 410	1
8	Gland	Forged Brass	IS 6912 Gr. FLB	1
9	Lever	Mild Steel	- - -	1
10	Nut	Carbon Steel	- - -	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~	D ~
1/2*	15*	60	1/2″	44	105
3/4*	20*	66	3/4″	48	123
1*	25*	73	1″	58	123
1 1/4	32	91	1 1/4″	73	148
1 1/2	40	91	1 1/2″	80	178
2	50	117	2″	85	213
2 1/2	65	135	2 1/2″	110	245
3	80	162	3″	116	330
4	100	201	4″	139	330

~ ±10

*Bonnet for Size 15, 20 and 25 is of Forged Brass.

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1008A Bronze Ball Valve E-Model (Screwed)

Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Full Bore, Two Piece Design.
- Quarter Turn, Lever Operated.
- Provided with Stainless Steel Ball.
- Premium Quality PTFE Gland Packing and Seating.

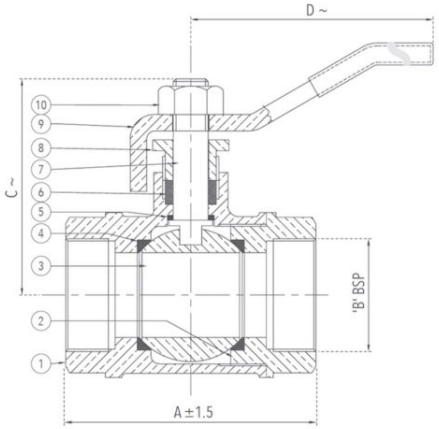


Test Pressure (Hydrostatic) :
Shell : 20 kg/cm²g (285 psig)
Seat : 13.5 kg/cm²g (192 psig)
Maximum Working Temperature : 220°C

Suitable For
Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Body	Bronze	IS 318 Gr. LTB 2	1
2	Bonnet	Bronze	IS 318 Gr. LTB 2	1
3	Ball	Stainless Steel	ASTM A276 Type 304 / ASTM A351 Gr. CF8	1
4	Body Seat Ring	PTFE	- - -	2
5	Thrust Washer	PTFE	- - -	1
6	Gland Packing	PTFE	- - -	-
7	Stem	Stainless Steel	ASTM A276 Type 410	1
8	Gland	Forged Brass	IS 6912 Gr. FLB	1
9	Lever	Mild Steel	- - -	1
10	Nut	Carbon Steel	- - -	1



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~	D ~
1/2	15	53	1/2″	40	106
3/4	20	58	3/4″	44	123
1	25	68	1″	50	123
1 1/4	32	76	1 1/4″	65	147
1 1/2	40	85	1 1/2″	72	178
2	50	102	2″	79	217

~ ±10

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1008B Forged Brass Ball Valve (Screwed)

Salient Features

- Screwed Female Ends to IS 554 / BS 21 / ISO 7.
- Full Bore, Two Piece Design.
- Quarter Turn, Lever Operated.
- Provided with Forged Brass / SS 304 Hard Chrome Plated Ball.
- Premium Quality PTFE Gland Packing and Seating.
- Chrome Finish.



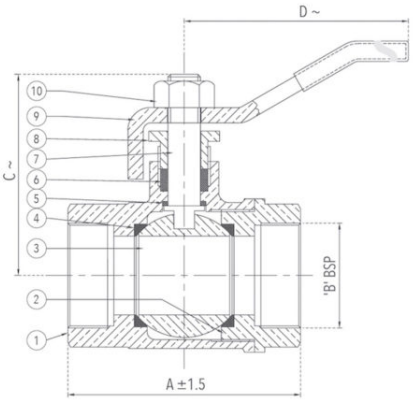
Test Pressure (Hydrostatic) :
Shell : 25 kg/cm²g (350 psig)
Seat : 16 kg/cm²g (225 psig)
Maximum Working Temperature : 220°C

Suitable For
Water, Oil, Air*
*Suitable for pressure upto 6.9 Kg/cm²g

Materials

P.No.	Name of Part	Material of Construction	Specification	Quantity
1	Body	Forged Brass	IS 6912 Gr. FLB	1
2	Bonnet	Forged Brass	IS 6912 Gr. FLB	1
3	Ball	Forged Brass / Stainless Steel (Hard Chrome Plated)	IS 6912 Gr. FLB / ASTM A276 Type 304	1
4	Body Seat Ring	PTFE	- - -	2
5	Thrust Washer	PTFE	- - -	1
6	Gland Packing	PTFE	- - -	
7	Stem	Forged Brass	IS 6912 Gr. FLB	1
8	Gland	Forged Brass	- - -	1
9	Lever	Aluminium Alloy / Mild Steel	- - -	1
10	Nut	Brass (Chrome Plated)	- - -	1

Note : Lever for Size 8mm and 10mm is of Mild Steel



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±1.5	B	C ~	D ~
1/4	8	47	1/4″	37	90
3/8	10	47	3/8″	37	90
1/2	15	50	1/2″	40	106
3/4	20	57	3/4″	43	132
1	25	67	1″	47	132
1 1/4	32	76	1 1/4″	62	166
1 1/2	40	87	1 1/2″	68	176
2	50	104	2″	80	216
2 1/2	65	139	2 1/2″	100	216
3	80	155	3″	110	280
4	100	177	4″	124	280

~ ±10

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1080A Stainless Steel (CF8M / S.S 316) Three Piece Design Ball Valve, Class-150 (Screwed)

Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Screwed Female Ends to BSPT / NPT / Socket Weld.
- Reduced Bore, Three Piece Design.
- Superb in Quality and Performance.

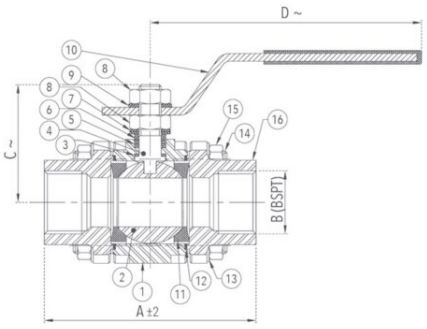


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440 psig)
Maximum Working Pressure : 21 kg/cm²g (300 psig)
Seat (Pneumatic) : 7kg/cm²g (100 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water, Oil, Air, Gases

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Stainless Steel	ASTM A 351 Gr. CF8M	1
2	Ball	Stainless Steel	ASTM A276 Type 316 / ASTM A 351 Gr. CF8M	1
3	Thrust Washer	PTFE 35% Carbon Filled	– – –	1
4	Stem	Stainless Steel	ASTM A276 Type 316	1
5	Packing Ring	PTFE 35% Carbon Filled	– – –	2
6	Gland	Stainless Steel	ASTM A276 Type 304	1
7	Cup Washer	Stainless Steel	ASTM A276 Type 304	2
8	Nut	H.T. Steel	ASTM A 194 Gr. 2H	2
9	Spring Washer	Spring Steel	EN 47 Gr. B	1
10	Lever	Carbon Steel	– – –	1
11	Body Seat Ring	PTFE	– – –	2
12	Gasket	PTFE	– – –	2
13	Spring Washer	Spring Steel	EN 47 Gr. B	8
14	Studs	Alloy Steel	ASTM A 193 Gr. B7	4
15	Nuts	H.T Steel	ASTM A 194 Gr. 2H	8
16	End Connector	Stainless Steel	ASTM A 351 Gr. CF8M	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	B	C ~	D ~
1/2	15	69	1/2″	38	112
3/4	20	73	3/4″	40	125
1	25	95	1″	57	168
1 1/4	32	105	1 1/4″	65	168
1 1/2	40	115	1 1/2″	75	177
2	50	128	2″	80	220

~ ±10

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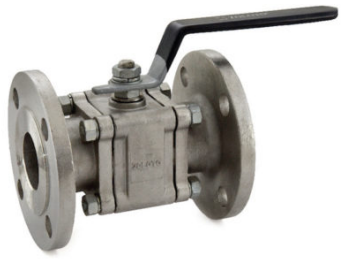
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1080B Stainless Steel (CF8M / S.S 316) Three Piece Design Ball Valve, Class-150 (Flanged)

Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Flanged Ends to ASME B B16.5 Class – 150 (Drilled).
- Three Piece Design.
- Superb in Quality and Performance.

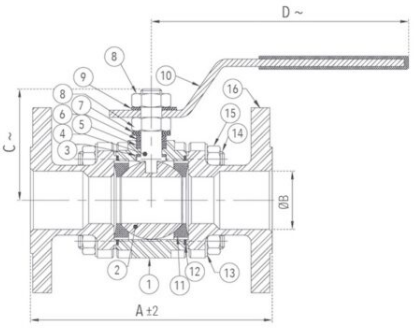


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440 psig)
Maximum Working Pressure : 21 kg/cm²g (300 psig)
Seat (Pneumatic) : 7 kg/cm²g (100 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water, Oil, Air, Gases

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Stainless Steel	ASTM A 351 Gr. CF8M	1
2	Ball	Stainless Steel	ASTM A 276 Type 316 / ASTM A 351 Gr. CF8M	1
3	Thrust Washer	PTFE 35% Carbon Filled	– – –	1
4	Stem	Stainless Steel	ASTM A 276 Type 316	1
5	Packing Ring	PTFE 35% Carbon Filled	– – –	2
6	Gland	Stainless Steel	ASTM A 276 Type 316	1
7	Cup Washer	Stainless Steel	AISI A276 Type 316	2
8	Nut	H.T. Steel	ASTM A 194 Gr. 2H	2
9	Spring Washer	Spring Steel	EN 47 Gr. B	1
10	Lever	Carbon Steel	– – –	1
11	Body Seat Ring	PTFE	– – –	2
12	Gasket	PTFE	– – –	2
13	Spring Washer	Spring Steel	EN 47 Gr. B	8
14	Studs	Alloy Steel	ASTM A 193 Gr. B7	4
15	Nuts	H.T Steel	ASTM A 194 Gr. 2H	8
16	End Connector	Stainless Steel	ASTM A 351 Gr. CF8M	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	B	C ~	D ~
1/2	15	108	15	38	150
3/4	20	117	20	40	150
1	25	127	25	57	160
1 1/4	32	140	32	65	160
1 1/2	40	165	40	75	202
2	50	178	50	75	202
2 1/2*	65	191	63.5	125	250
3*	80	203	76	137	335
4*	100	229	100	158	335

~ ±10
*Full Bore

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1088 Cast Steel Three Piece Design Ball Valve, Class-150 (Screwed) I.B.R

Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Screwed Female Ends to BSPT / NPT / Socket Weld.
- Reduced Bore, Three Piece Design.
- Superb in Quality and Performance.

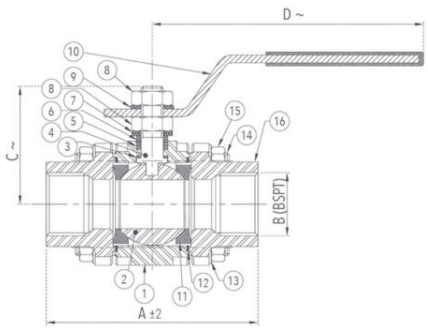


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440psig)
Seat : 21kg/cm²g (300 psig)
Seat (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Steel	ASTM A 216 Gr. WCB	1
2	Ball	Stainless Steel	ASTM A 276 Type 304 / ASTM A 351 Gr. CF8	1
3	Thrust Washer	PTFE 35% Carbon Filled	– – –	1
4	Stem	Stainless Steel	ASTM A 276 Type 316	1
5	Packing Ring	PTFE 35% Carbon Filled	– – –	2
6	Gland	Stainless Steel	ASTM A 276 Type 304	1
7	Cup Washer	Stainless Steel	ASTM A 276 Type 304	2
8	Nut	H.T Steel	ASTM A 194 Gr. 2H	2
9	Spring Washer	Spring Steel	EN 47 Gr. B	1
10	Lever	Carbon Steel	– – –	1
11	Body Seat Ring	PTFE	– – –	2
12	Gasket	PTFE	– – –	2
13	Spring Washer	Spring Steel	EN 47 Gr. B	8
14	Studs	Alloy Steel	ASTM A 193 Gr. B7	4
15	Nuts	H.T Steel	ASTM A 194 Gr. 2H	8
16	End Connector	Cast Steel	ASTM A 216 Gr. WCB	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	B	C ~	D ~
1/2	15	69	1/2″	38	112
3/4	20	73	3/4″	40	125
1	25	95	1″	57	168
1 1/4	32	105	1 1/4″	65	168
1 1/2	40	115	1 1/2″	75	177
2	50	128	2″	80	220

~ ±10

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1089 Cast Steel Three Piece Design Ball Valve, Class-150 (Flanged) I.B.R

Salient Features

- Design Standard BS EN ISO 17292 (BS 5351).
- Flanged Ends to ANSI B16.5 Class-150 (Drilled).
- Three Piece Design.
- Superb in Quality and Performance.

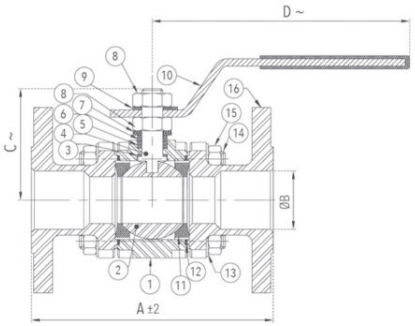


Test Pressure (Hydrostatic) :
Shell : 31 kg/cm²g (440 psig)
Seat : 21kg/cm²g (30 psig)
Seat (Steam) : 10.55 kg/cm²g (150 psig)
Maximum Working Temperature : 220°C

Suitable For
Steam, Water, Oil

Materials

P.No.	Name of Part	Material of Construction	Specification	Qty.
1	Body	Cast Steel	ASTM A 216 Gr. WCB	1
2	Ball	Stainless Steel	ASTM A 276 Type 304 / ASTM A 351 Gr. CF8	1
3	Thrust Washer	PTFE 35% Carbon Filled	– – –	1
4	Stem	Stainless Steel	ASTM A 276 Type 316	1
5	Packing Ring	PTFE 35% Carbon Filled	– – –	2
6	Gland	Stainless Steel	ASTM A 276 Type 304	1
7	Cup Washer	Stainless Steel	ASTM A 276 Type 304	2
8	Nut	H.T Steel	ASTM A 194 Gr. 2H	2
9	Spring Washer	Spring Steel	EN 47 Gr. B	1
10	Lever	Carbon Steel	– – –	1
11	Body Seat Ring	PTFE	– – –	2
12	Gasket	PTFE	– – –	2
13	Spring Washer	Spring Steel	EN 47 Gr. B	8
14	Studs	Alloy Steel	ASTM A 193 Gr. B7	4
15	Nuts	H.T Steel	ASTM A 194 Gr. 2H	8
16	End Connector	Cast Steel	ASTM A 216 Gr. WCB	2



Sizes / Dimensions

Size (Inches)	Size (mm)	A ±2	ØB	C ~	D ~
1/2	15	108	15	38	150
3/4	20	117	20	40	150
1	25	127	25	57	160
1 1/4	32	140	32	65	160
1 1/2	40	165	40	75	202
2	50	178	50	80	202
2 1/2*	65	191	63.5	125	250
3*	80	203	76	137	335
4*	100	229	100	158	335

~ ±10
*Full Bore

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