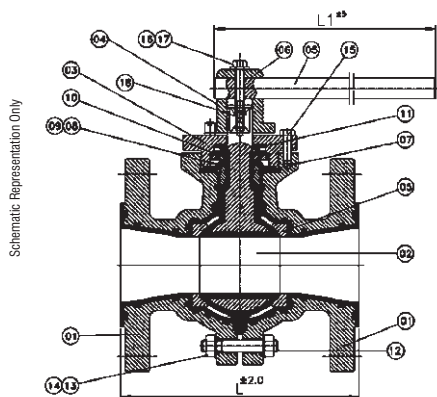




LINED BALL VALVE (REDUCED PORT)



Schematic Representation Only



No.	Description	Moc
1	Lined Side Piece	Ductile Iron / WCB (FEP / PFA / ETFE Lined)
2	Lined Integral Ball	ASTM A216 Gr.WCB (FEP / PFA / ETFE Lined)
3	Top Cover	ASTM A216 Gr.WCB
4	Lever Boss	ASTM A216 Gr.WCB
5	Lever Rod	MS
6	Seat Ring	PTFE
7	Sphear Bush	PTFE
8	Flexible Diaphragm	PTFE
9	Diaphragm Backup	S.S,
10	Thurst Washer	MS (Nickel Plated)
11	Disc Spring-Nickel Plated	Spring Steel
12	Hex Head Bolt	MS
13	Hex Nut	MS
14	Spring Washer	Spring Steel
15	Hex Head Bolt For Top Cover	MS
16	Hex Head Screw For Lever Boss	S.S
17	Plain Washer For Lever Boss	S.S
18	Grub Screw (allen Cap)	MS

Body Material Options :

- Ductile Iron GGG40.3 / ASTM A395
- Cast Steel ASTM A216 Gr.WCB
- ASTM A351 Gr. CF8 / S.S.304
- ASTM A351 Gr. CF8M / S.S.316

Technical Specifications :

- Design Standard : BS EN ISO 17292:2004 (Formerly BS 5351)
- Drilling : ASA #150 / DIN 2632/2633 / BS 10 Table D, E or F
- Face to Face : ANSI B 16.10 / DIN 3202 / BE EN 558-1/2
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Dimensional Data :

	SIZE	L ^{\$} (mm)	L1 (mm)
ANSI #150 FLANGED RF	DN15-1/2"	140*†	190
	DN20-3/4"		
	DN25-1"	127	
	DN40-1 1/2"	165	190
	DN50-2"	178	250
	DN65-2 1/2"	203*	330
	DN80-3"	203	430
	DN100-4"	228	430
	DN150-6"	267	530
	DN200-8"	294	G. Box
	DN250-10"	533@	G. Box

\$ As per BS EN 558-2 Table-6, Series 3.

* As per Manufacturer's Standard

Testing in accordance with BS EN 12266-1(2003) Table A.3

@ As per EN558, Table 6, Sr. 12

Technical Information subject to change without notice

Lining Material Options :

- PFA – ASTM D 3307
- FEP – ASTM D 2116
- ETFE – ASTM D 3159
- PVDF – ASTM D 3322
- POLYPROPYLENE – ASTM D 4101
- HDPE

Salient Features :

- 'Maintenance Free' Glandless Live Load Design
- One Piece Integral Ball Stem Combination
- No Backlash in Stem & Ball even after prolonged service
- Exceptionally Low Torque as compared to Plug Valve

Test & Inspection Data :

- Hydraulic Test[#] : Body (Shell) - 20 Kg/Cm²
Seat - 11 Kg/Cm²
- Pneumatic Test[#] : Seat - 6 Kg/Cm²
- Spark Test : 15 K.V. D.C

Optional Design / Components :

- Antistatic Clip
- Higher Sizes Available On Request
- Pneumatic Actuator
- Other Accessories Available On Request
- Gear Box

Quality Valves you can rely on, Always.