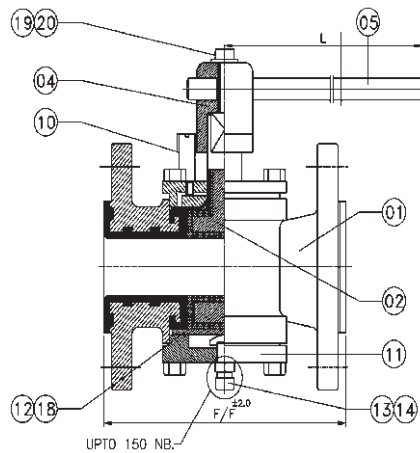




LINED PLUG VALVE (NON JACKETED)

Schematic Representation Only



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 5158:1989
- Flange : As per ANSI B16.5 / B16.42
- Drilling : ASA #150 / DIN 2632 / 33 / BS 10 TABLE D, E, F
- Lining Thickness : 3 to 5 mm
- Testing Standard : BS EN 12266-1&2 (2003)

Dimensional Data :

	SIZE (NB)	F/F* (mm)	L (mm)
ANSI #150 FLANGED RF	15	108	270
	20	118	270
	25	127	270
	40	165	320
	50	178	470
	80	203	478
	100	229	630
	150	267	G.BOX
	200	360	G.BOX
	250	360	G.BOX

* As per BS EN 558 – 2 Table 6, Series-3.

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

Technical Information subject to change without notice

19	L BOSS BOLT & WASHER	S.S	1
18	BLIND GASKET BACKUP	S.S	1
17	HEX HEAD BOLT WASHER	M.S (ZINC PLATED)	8
16	HEX HEAD BOLT	M.S (ZINC PLATED)	8
15	GRUB SCREW	S.S	4
14	PUSHER NUT	S.S	1
13	PUSHER BOLT	S.S	1
12	BLIND GASKET	PTFE	1
11	BOTTOM COVER	Ductile Iron GGG40.3	1
10	STOPPER PIN	S.S	1
9	THRUST WASHER	S.S	1
8	DIAPHRAGM BACKUP	S.S	1
7	DIAPHRAGM	PTFE	1
6	WEDGE RING	PTFE	1
5	LEVER ROD	M.S	1
4	LEVER BOSS	ASTM A216 Gr.WCB	1
3	TOP COVER	Ductile Iron / WCB	1
2	LINED PLUG	Ductile Iron / WCB (FEP / PFA / ETFE LINED)	1
1	BODY WITH LINING	Ductile Iron / WCB (FEP / PFA / ETFE LINED)	1
NO.	DESCRIPTION	MOC	QTY

Lining Material Options :

- PFA – ASTM D 3307, Type II
- FEP – ASTM D 2116, Type IV
- ETFE – ASTM D 3159, Type I, Gr. 1
- PVDF – ASTM D 3322

Salient Features :

- Cavity Less High Performance Design
- Class VI Leakage Rate due to large sealing area
- Unique Lining makes it Fully Locked from Top, Bottom & Port.
- Totally Maintenance Free Design.

Test & Inspection Data :

- Hydraulic Test # : Body (Shell) – 20 Kg/Cm²
Seat – 10 Kg/Cm²
- Pneumatic Test # : Seat – 6 Kg/Cm²
- Spark Test : 15 K.V. D.C

Optional Design / Components :

- Anti - Static Clip
- Gear Box
- Pneumatic Actuator & other accessories
- Jacketed Plug Valve Design
- Sleeved Plug Valve Design
- Higher Sizes Available On Request

Quality Valves you can rely on, Always.