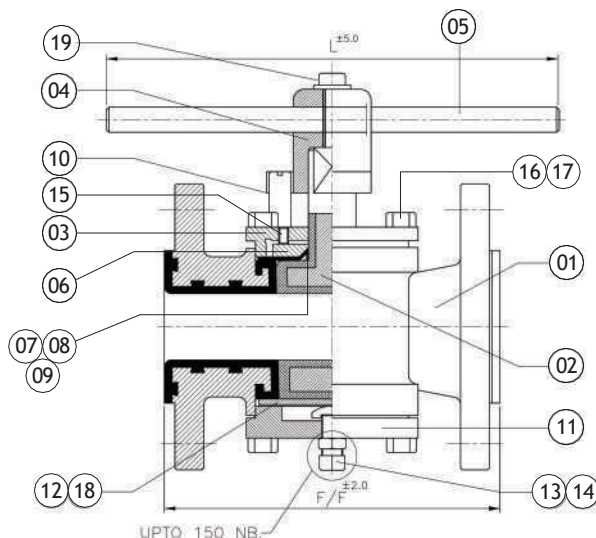


LINED PLUG VALVE (NON JACKETED)



NO. DESCRIPTION

MOC

01	Body With Lining	Ductile Iron GGG40.3 / ASTM A216 Gr.WCB (FEP Lined) [†]
02	Lined Plug	ASTM A216 Gr.WCB (FEP Lined) [†]
03	Top Cover	Ductile Iron / WCB
04	Lever Boss	ASTM A216 Gr.WCB
05	Lever Rod	M.S
06	Wedge Ring	PTFE
07	Diaphragm	PTFE
08	Diaphragm Backup	S.S.
09	Thrust Washer	S.S.
10	Stopper Pin	WCB/S.S.
11	Bottom Cover	Ductile Iron/WCB
12	Blind Gasket	PTFE
13	Pusher Bolt	S.S.
14	Pusher Nut	S.S.
15	Grub Screw	S.S.
16	Hex Head Bolt	S.S.
17	Washer	S.S.
18	Blind Gasket Backup	S.S.
19	L. boss Bolt & Washer	S.S.

Schematic Representation Only

† Standard Scope of Supply



BODY / DISC 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

LINING MATERIAL OPTIONS

- ☑ PFA - ASTM D 3307
- ☑ ANT. PFA - ASTM D 3307
- ☑ FEP - ASTM D 2116
- ☑ ETFE - ASTM D 3159
- ☑ PVDF - ASTM D 3222

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 (2012)

SALIENT FEATURES

- ☑ Cavity Less High Performance Design
- ☑ Zero Leakage (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

- ☑ Hydrostatic Test[#] : Body (Shell) - 20 Kg/Cm²
- ☑ : Seat - 10 Kg/Cm²
- ☑ Pneumatic Test[#] : Seat - 6 Kg/Cm²
- ☑ Spark Test :

OPTIONAL DESIGN/COMPONENTS

- ☑ Anti-static Clip
- ☑ Gear Box / Pneumatic / Electric Actuated ON / OFF & Control Valves
- ☑ Limit switch, Solenoid Valve, Positioners - Electro Pneumatic / Smart
- ☑ Sleeved Plug Valve

DIMENSIONAL DATA

SIZE	F/F [§] (mm)	L (mm)	Torque [§] (N.m)
DN15-1/2"	108	270	30
DN20-3/4"	118	270	30
DN25-1"	127	270	40
DN40-1 1/2"	165	320	60
DN50-2"	178	470	75
DN80-3"	203	478	140
DN100-4"	229	630	210
DN150-6"	267	G.BOX	550
DN200-8"	360	G.BOX	1500
DN250-10"	360	G.BOX	1500

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

Testing in accordance with BS EN 12266-1(2012) Table A.3

§ Torque measured at ΔP = 11 Bar at Room Temperature in Wet Condition (Test Media - water).

Technical Information subject to change without notice