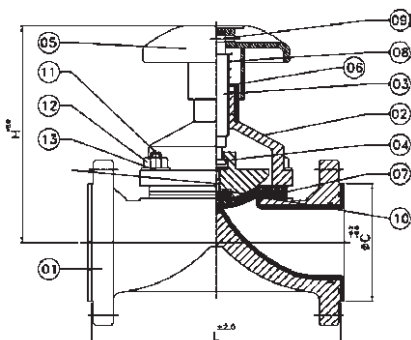




LINED WEIR TYPE DIAPHRAGM VALVE

Schematic Representation Only



No.	Description	Moc
1	Lined Body	Ductile Iron GGG40.3 FEP / PFA / ETFE Lined
2	Bonnet	Ductile Iron / WCB
3	Spindle	C.S PTFE Coated
4	Compressor Pin Type	Ductile Iron / WCB
5	Handwheel	ABS / Mettalic
6	Opening Indicator Sleeve	HDPE
7	Diaphragm (Pin Type)	PTFE Backed With Neoprene Rubber
8	Compression Spring	S.S.
9	Dowell Pin	Spring Steel
10	Packing Washer	P. P.
11	Stud	S.S.
12	Nut	S.S.
13	Plain Washer	S.S.

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

Lining Material Options :

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

Technical Specifications :

- Design Standard : BS EN 13397:2002 (Formerly BS 5156)
- Face to Face : BS 2080, DIN 3202, MSSP 88, EN 558
- 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)

Salient Features :

- IDEAL for Industrial & Corrosive Duties
- Class VI Leakage Rate
- Low Maintenance
- Best performance in Throttling & Flow control applications
- Complete isolation of working parts from process stream

Dimensional Data :

	SIZE	L ^s (mm)	L1 (mm)
ANSI #150 FLANGED RF	DN15-1/2"	108	35
	DN20-3/4"	117	43
	DN25-1"	127	60
	DN40-1 1/2"	159	73
	DN50-2"	190	92
	DN65-2 1/2"	216	104
	DN80-3"	254	127
	DN100-4"	305	158
	DN125-5"	353	185
	DN150-6"	406	214
	DN200-8"	520	266(min)
	DN250-10"	635	320(min)

* As per BS EN 558 – 2, Table-7, Series-7

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

Technical Information subject to change without notice

Test & Inspection Data :

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

Optional Design / Components :

- EPDM / VITON® DIAPHRAGM BACKUP
- METALLIC HANDWHEEL
- SPINDLE - SS 304 / 316 / 410
- PNEUMATIC ACTUATOR & OTHER ACCESSORIES
- HIGHER SIZES AVAILABLE ON REQUEST

Quality Valves you can rely on, Always.