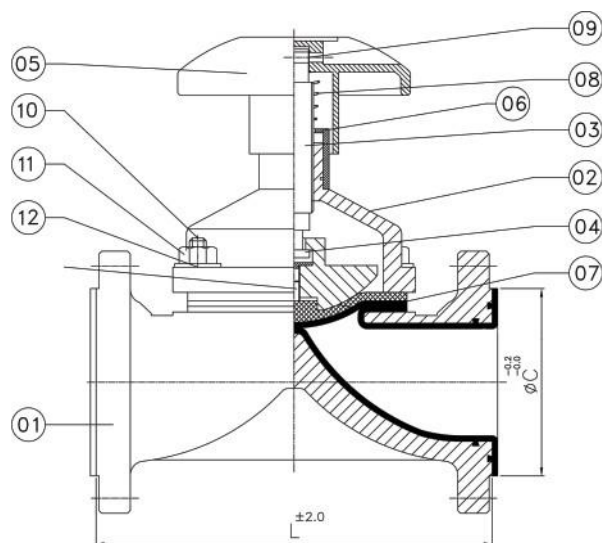


WEIR TYPE DIAPHRAGM VALVE



NO.	DESCRIPTION	MOC
01	Lined Body	Ductile Iron GGG40.3 FEP Lined †
02	Bonnet	Ductile Iron / WCB
03	Spindle	C.S PTFE Coated
04	Compressor Pin Type	Ductile Iron/WCB
05	Handwheel	ABS / Mettalic
06	Opening Indicator Sleeve	HDPE
07	Diaphragm (Pin Type)	PTFE Backed With EPDM Rubber
08	Compression Spring	S.S. (upto 50 NB)
09	Dowell Pin	Spring Steel
10	Stud	S.S.
11	Nut	S.S.
12	Washer	S.S.

Schematic Representation Only

† Standard Scope of Supply



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
- ☑ ANT. PFA - ASTM D 3307
- ☑ FEP - ASTM D 2116
- ☑ ETFE - ASTM D 3159
- ☑ PVDF - ASTM D 3222
- ☑ PP - 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 (2012)

SALIENT FEATURES

- ☑ IDEAL for Industrial & Corrosive Duties.
- ☑ 100% Leak tight (Class VI Leakage Rate) Operation
- ☑ Low Maintenance
- ☑ Best performance in Throttling & Flow control applications.
- ☑ Complete isolation of working parts from process stream

TEST & INSPECTION DATA

- ☑ Hydrostatic 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

- ☑ VITON / BUTYL DIAPHRAGM BACKUP
- ☑ METALLIC HANDWHEEL
- ☑ SPINDLE - SS 304/316/410
- ☑ PNEUMATIC ACTUATOR WITH ACCESSORIES
- ☑ STRAIGHT THROUGH (KB TYPE) DESIGN
- ☑ 3 LAYER PTFE DIAPHRAGM

DIMENSIONAL DATA

SIZE	L [§] (mm)	ØC (mm)	Torque [§] (N.m)
DN15-1/2"	108	35	80
DN20-3/4"	117	43	85
DN25-1"	127	60	115
DN40-1 1/2"	159	73	155
DN50-2"	190	92	155
DN65-2 1/2"	216	104	190
DN80-3"	254	127	200
DN100-4"	305	158	245
DN125-5"	353	185	300
DN150-6"	406	214	360
DN200-8"	520	266(min)	Consult
DN250-10"	635	320(min)	Consult

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

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