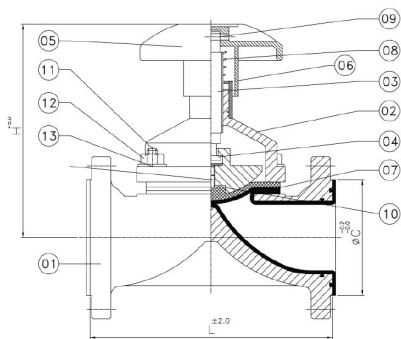


DW Series - Weir Type Diaphragm Valve

Schematic Representation Only



No.	Description	Moc
1	Lined Body	Ductile Iron GGG40.3 FEP 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.

† 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 :

- TEFLON® PFA – ASTM D 3307
- TEFLON® FEP – ASTM D 2116
- TEFZEL® (ETFE) – ASTM D 3159
- KYNAR® (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.
- 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

Dimensional Data :

ANSI #150 FLANGED RF	SIZE	L ^s (mm)	L1 (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)	Available on	
DN250-10"	635	320(min)	Request	

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

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

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 DIAPHRAGM BACKUP
- METALLIC HANDWHEEL
- SPINDLE - SS 304/316/410
- PNEUMATIC ACTUATOR
- STRAIGHT THROUGH (KB TYPE) DESIGN

Technical Information subject to change without notice



How to Order - DW Series

How to Order:

Series	Material					Features			
Number	Body	Compressor	Body & Trim Liner	Diaphragm	Ends	Class	Size	Operation	
DW	2 WCB	2 WCB	A PFA	A PFA	F FLANGED RF	0 ANSI 150#	0.5 1/2"	H	Handwheel
	3 CF8M	3 316SS	F FEP	F FEP			0.75 3/4"	G	Gear Operator
	6 DI / CI	4 304SS	E ETFE				01 1"	B	Bare Shaft
			P PTFE				01.25 1-1/4"	P	Pneumatic Actuator
			K KYNAR				01.5 1-1/2"	E	Electric Actuator
							02 2"	X	Stem Extension w/Lever
							02.5 2-1/2"		
							03 3"		
							04 4"		
							05 5"		
							06 6"		
							08 8"		

Weir Type Diaphragm Valve, Body & Trim DI, FEP Liner, PFA Diaphragm, Flanged RF
ANSI Class 150# Size 6" with Handwheel

DW-66FA-F006H

