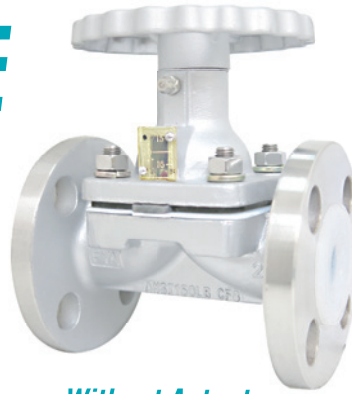


DIAPHRAGM VALVE

WDV SERIES

Weir Type
Handwheel Operated
Actuator Available



Without Actuator

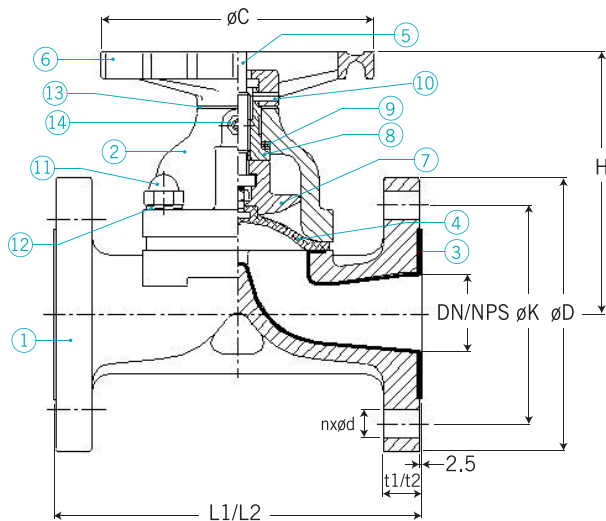


With Actuator

Technical Data

Body Material: WCB+PFA lining & SS304+PFA lining available
Diaphragm Material: PTFE+EPDM;
 PTFE+PVDF+EPDM (for Cl₂ Gas) (Limited Size ≤ 4")
Size: ½" to 12" (DN15 to DN300)
Flange Rating: JIS 10K, ANSI 150LB, DIN PN16 and Option available
Test Pressure: MSS SP-88
Shell: (By Water) Max. Pressure x 1.2 Times
Seat: (By Water) Max. Pressure x 1.2 Times ; (By Air) Max. Pressure 6 kg/cm²
Option Function: Assemble with Actuator available

Dimensions & Material List



NO.	Description	Material
1	Body	WCB / SS304
2	Bonnet	WCB / SS304
3	Lining	PFA
4	Diaphragm	PTFE + EPDM / PTFE + PVDF + EPDM (For Cl ₂ Gas)
5	Stem	SS304
6	Handwheel	WCB
7	Compressor	WCB
8	Stem Bush	BRONZE
9	Trust Bearing	Standardized (65-250mm)
10	Fitting Screw	SS304
11	Bolts & Nuts	SS304
12	Spring Washer	STAINLESS STEEL
13	Washer	PTFE
14	Grease Nipple	SS304

Dimension Data-mm

SIZE		L1	L2	H	øC	t		JIS 10K			ANSI 150LB			DIN PN16			Wt. kg	Max. Working Pressure (kg/cm ²)
DN	NPS					t1	t2	øD	øK	n x ød1	øD	øK	n x ød1	øD	øK	n x ød1		
15	1/2"	114	130	100	80	13	10	95	70	4 x 15	89	60.5	4 x 16	95	65	4 x 14	3	12
20	3/4"	123	150	100	80	13	10	100	75	4 x 15	98	70.0	4 x 16	105	75	4 x 14	3.5	12
25	1"	133	160	105	100	13	10	125	90	4 x 19	108	79.5	4 x 16	115	85	4 x 14	4.5	10
40	1 1/2"	165	200	125	120	16	13	140	105	4 x 19	127	98.5	4 x 16	150	110	4 x 18	8.5	10
50	2"	196	230	135	140	19	14	155	120	4 x 19	152	120.5	4 x 19	165	125	4 x 18	9.5	10
65	2 1/2"	222	290	170	180	19	14	175	140	4 x 19	178	139.5	4 x 19	185	145	4 x 18	10.5	10
80	3"	260	310	190	200	19	14	185	150	8 x 19	190	152.5	4 x 19	200	160	8 x 18	18.5	10
100	4"	313	350	220	250	22	17	210	175	8 x 19	229	190.5	8 x 19	220	180	8 x 18	28	10
125	5"	361	400	270	280	22	17	250	210	8 x 22	254	216.0	8 x 22	250	210	8 x 18	52	8
150	6"	415	480	300	320	22	17	280	240	8 x 22	279	241.5	8 x 22	285	240	8 x 23	71	8
200	8"	520	600	390	400	26	22	330	290	12 x 22	343	298.5	8 x 22	340	295	8 x 23	120	8
250	10"	641	730	470	550	30	26	400	355	12 x 25	400	362.0	12 x 25	395	350	12 x 23	170	6
300	12"	760	760	500	560	30	30	445	400	16 x 25	483	431.8	12 x 25	445	400	12 x 25	190	5

NOTE. 1:

t1=WCB
 t2=SCS 13, SCS14
 L1= ANSI 150LB,
 JIS 10K ISO 5758;
 BS5156
 L2=DIN PN16

NOTE. 2:

The dimensions of actuator assembled are customized.
 Please contact with manufacturer for the dimensions of actuator.

Ordering Information

WDV	Code	Body Material					
	1	WCB+PFA lining	2 SS304+PFA lining				
		Code	Diaphragm Material				
		1	PTFE+EPDM				
		2	PTFE+PVDF+EPDM (Limited ≤ 4")				
		Code	Bonnet Material				
		1	WCB (standard)				
		2	SS304				
		Code	Connection Size				
			(1) ½" (2) ¾" (3) 1" (4) 1½" (5) 2" (6) 2½" (7) 3" (8) 4" (9) 5" (10) 6" (11) 8" (12) 10" (13) 12"				
		Code	Flange Rating				
			(A) JIS 10K (B) ANSI 150LB (C) DIN PN16 (O) option				
		Code	Option- Actuator				
		W	With				
		N	Without				
WDV							Complete Ordering Code

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