

Catalogue No.

APL / 1048

**"PDV" Manual Pneumatic Operated
Pharma Diaphragm Valve**



"aira" Offers Manual Hand Wheel Operated Investment Casted Diaphragm Valve For Your Bio Pharma

Specifications

"aira" Hand Operated Valves are Available in Following Configuration

PDV - T	Tri-clamp Body To ISO 2852-1933(e)
PDV - S	Screwed End

Finish

Screwed	Internal 0.2 to 0.4 Ra. External 0.8 Ra
Tri - Clamp Bodies	Electro Polished
Working Pressure	Please Refer To Table Below.

Design Feature

Hermetically Sealed Flow Path in the Body and Bonnet. Proper Selections of Diaphragm Provide, Precision Control of Critical of Ultra Pure Fluids. Fluids are Completely Isolated from The Actuator and Environment. Hygienic Design, Bi-directional Flow, Body for Low Turbulence. Also for Steam Sterilizing.

Biotechnology, Ideally Suitable For Liquids, Highly Lustrous, Cosmetics Pharmaceutical Industries, Finish and Aesthetical Appearance, Food Industry Liquids Contaminated With Lubricants and Grit Particles. Viscous Liquids, Process Control Technology.

Note : Pneumatic Operated PDV also available on request.

Technical Specifications

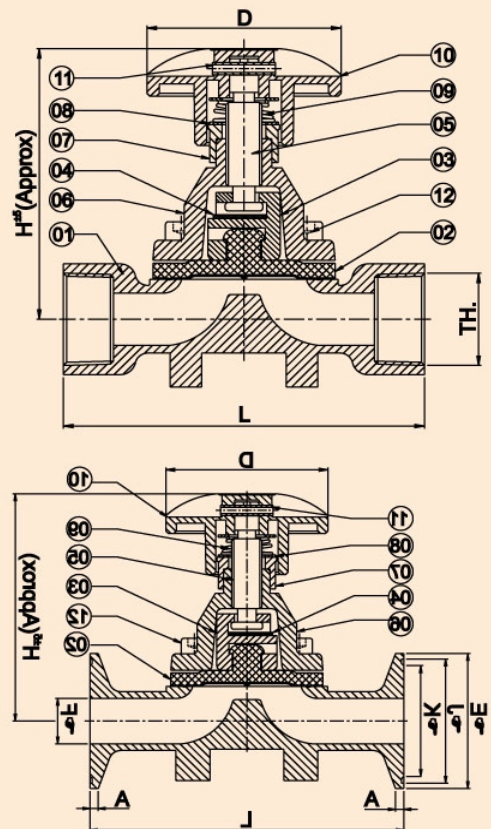
SR. NO.	DESCRIPTION	MATERIAL	QTY.
01	VALVE BODY	ASTM A 351 CF8/CF 8M/CF3/CF3M	01
02	DIAPHRAGM	PTFE BACKED NBR BY Temp 155 °C	01
03	COMPRESSOR	ASTM A 351 CF8 (304)	01
04	RETAINER	NYLON	01
05	STEM	EN8 + BLACKENING	01
06	BONNET	C.I. / S.S.	01
07	INDICATOR SLEEVE	P.P. (YELLOW)	01
08	WASHER	S.S. 304	02
09	TAPPER SPRING	SPRING STEEL	01
10	HANDLE WHEEL	S.S. / PLASTIC	01
11	DOWEL PIN	S.S. 304	01
12	ELEN BOLT	C.S. / S.S	04

Screwed End

SIZE	15mm	20mm	25mm	40mm	50mm
Model	PDV-S-15	PDV-S-20	PDV-S-25	PDV-S-40	PDV-S-50
H	72.5	88	109	143.0	166
L	80	92	108	140	175
D	61.8	61.8	78.5	120	120
TH.	1/2" NPT	3/4" NPT	1" NPT	1.1/2" NPT	2" NPT
KVM ³ /hr	5.0	12.5	22.0	42	72
W P at One End	10	10	10	10	10
W P at Other End	10	10	10	10	10
Weight	0.300	0.920	1.440	2.780	3.940

Tri Clover End

Size	15mm	20mm	25mm	40mm	50mm
Model	PDV-T-15	PDV-T-20	PDV-T-25	PDV-T-40	PDV-T-50
H	85	85	92	140	115
L	108	115	117	165	178
D	61.8	61.8	78.8	120	120
E	34	50.8	50.8	50.8	65
F	10	17	22.5	35.5	48
J	21	46	46	46	59.5
K	17	42	42	42	55.5
A	3	3	3	3	3
KV M ³ /hr.	5.0	12.5	22.0	42.0	72
W P at One End	10	10	10	10	10
W P at Other End	10	10	10	10	10
Weight Approx	0.300	0.920	1.440	2.780	3.940



Note : Since, constant worldwide advancement in technology, we keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.
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