

2/2 Way diaphragm operated pulse valve screwed end.

Pneutork offers high performance diaphragm operated pulse and pilot solenoid valve with threaded ports. Available with integral pilot or as remotely pilot valves. Out let 90° to inlet. The pulse valves have just one moving part, the springless construction of diaphragm providing fast ON-OFF operation. This high-speed operation saves compressed air and provides kind of shock wave necessary to free the dust from filter bags.

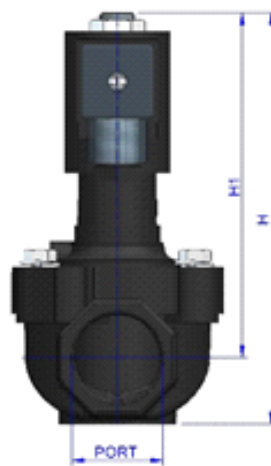
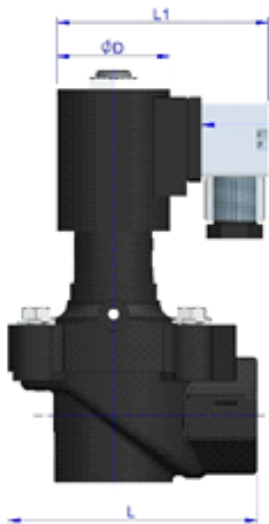


Size Range · 1/2" to 2" (15MM TO 50MM)

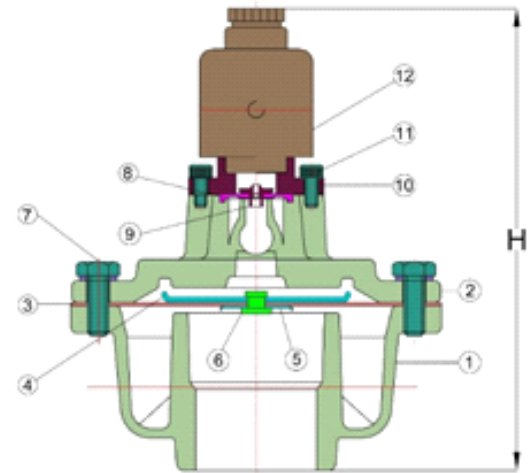
Suitable for Dust collector application, in particular for reverse pulse jet filter cleaning including bag filters, cartridge filters, envelope filters, ceramic filters and sintered metal fiber filters.

Technical Specification

Pressure Rating	0.6 to 8.5 Bar max
Temperature	Rated for 80°C max. For high temperature upto 125°C Viton diaphragm with Viton seat can be provide.
Coil Voltage	24V, 110V, 230V AC/DC
Coil Insulation	F class, (H class on request)
Coil Enclosure	IP 67 (Flame proof / Explosion proof as per IS IEC 60079-1 STD for Class II A, II B, II C Zone.
Coil Rating	Continuous Rated.



Limit Switch



Technical Specification Table

Valve Size		Orifice MM	Max. Oper. Press. Flow to Close Bar	Max. Oper. Press. Flow to Open Bar	Flow Factor KV M3/Hr	Actuator Bore MM	Air Consumption Lit./Cycles.
MM	Inch						
15	1/2"	16	16	16	4.2	50	0.155
20	3/4"	16	16	16	5.5	50	0.155
25	1"	23	16	16	13.5	70	0.161
32	1.1/4"	31	15	15	31.6	70	0.172
40	1.1/2"	34	15	15	31.9	70	0.172
50	2"	45	14	16	54.5	85	0.184

No.	Description	Material
1	Body	Aluminium
2	Cover	Aluminium
3	Diaphragm	NBR/ VITON
4	Big Washer	S. S. 304
5	Small Washer	S. S. 304
6	Riveting Pin	S. S. 304
7	Hex Bolt + Washer	S. S.
8	Small Diaphragm	NBR/ VITON
9	Diaphragm Pin	Brass
10	Adaptor	Aluminum
11	Hex Bolt + Washer	S. S.
12	Coil	STD.

Dimension in mm

Valve Size		PORT	L ±2mm	ØD ±2mm	L1 ±2mm	H ±2mm	H1 ±2mm
MM	Inch						
25	1"	30	89	40	75	134	115
40	1.1/2"	45	137	40	75	172	135

15MM, 20MM, 50MM ON REQUEST

Coil Selection

Voltage	230VAC	110VAC	24VDC	24VDC	12VDC
Power	9W	9W	9W	11W	11W