

BULK SOLIDS HANDLING EQUIPMENT

PINCH VALVES

Pinch Valve -VM-Series

Pinch Valves are used for material flow interception in pneumatic conveying systems, or other pipelines.



VM

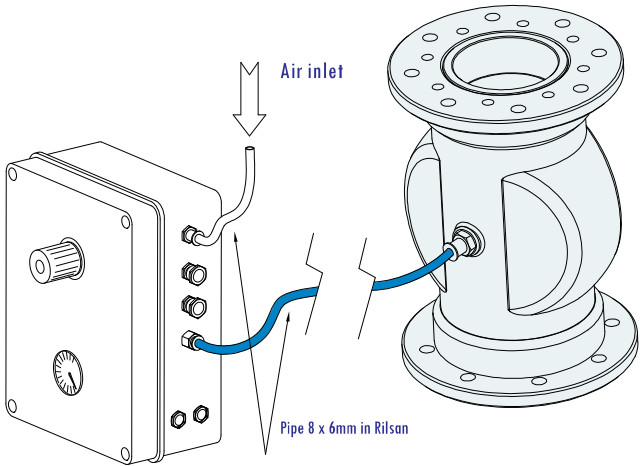
OPERATING CONDITIONS

- Pi Internal Max. Pneumatic Conveying System Pressure: 3.5 bar
- Pc Closure control Pressure: $P_i + 2.5$ bar (Max. 6 bar)
- Working Temperature: from -10°C up to 80°C

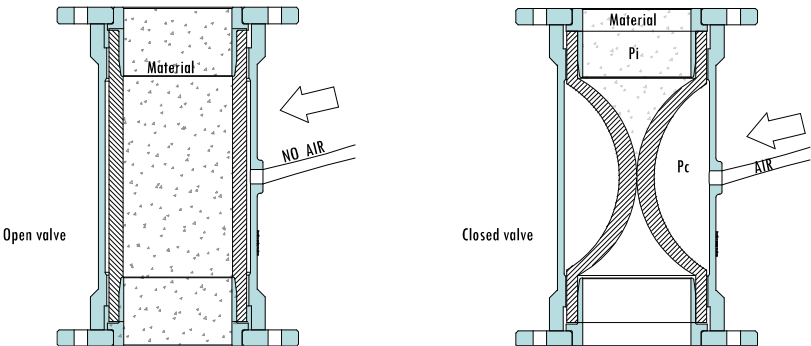


How To Order

VM	100	AA	0
Type	Size Φ	Inlet and outlet connection	Sleeve diameter
Pinch Valve	013-200	A = Flange and bush in aluminium B = Aluminium flange and hardened bush C = Aluminium flange and Stainless steel (AISI 304) bush D = Aluminium flange and Stainless steel (AISI 316) bush F = Aluminium threaded bush H = Stainless steel (AISI 304) threaded bush I = Stainless steel (AISI 316) threaded bush L = Hardened threaded bush	0 = NR 1 = NBR



Cross section showing how Pinch Valve operates when open and closed

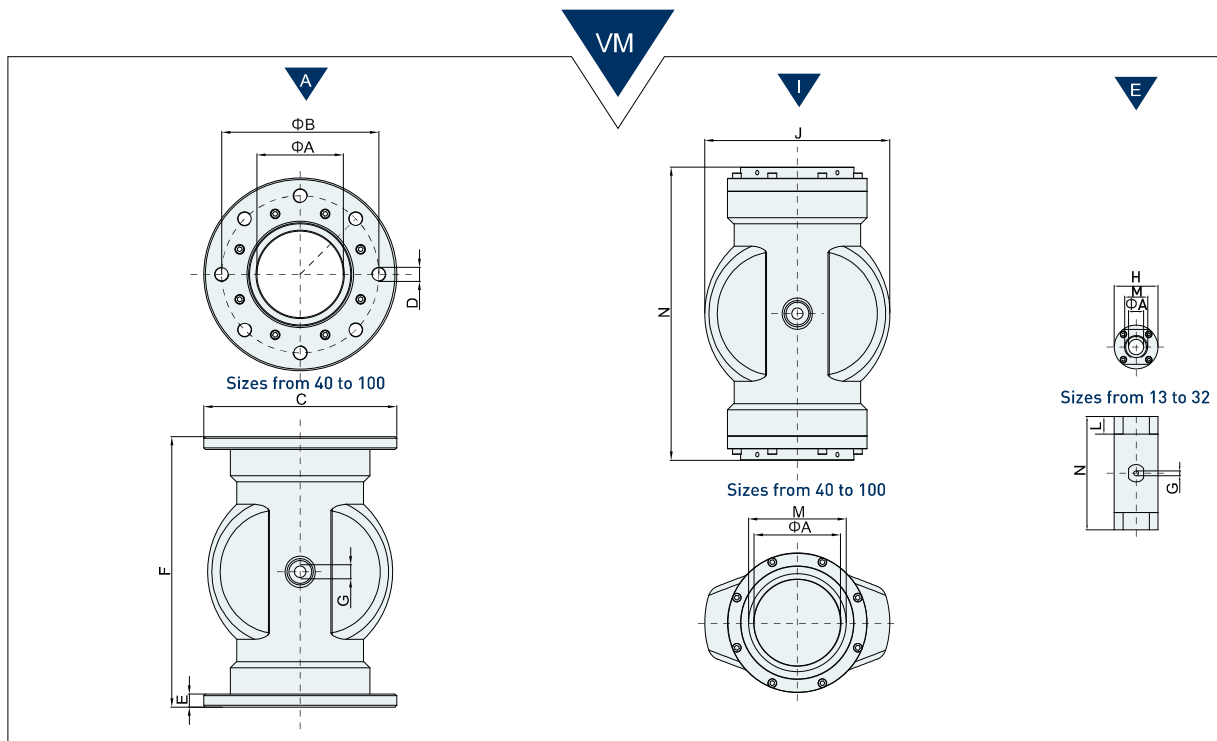


Pi = Internal pressure pneum. conv. system
Pc = Closure control pressure

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TYPE	A	B	C	D		E	F	G	H	J	L	M	N	kg
				Φ	n°									
VM013	13							1/8"	42		18	1/2"	120	0.40
VM020	20							1/8"	50		20	3/4"	130	0.50
VM025	25							1/8"	56		22	1"	130	0.70
VM032	32							1/8"	70		25	1+1/4"	165	1.10
VM040	40	110	150	M 16	4	12	178	1/8"		99		1+1/2"	202	2.20
VM050	50	125	165	M 16	4	15	190	1/4"		120		2"	214	3.40
VM065	65	145	185	M 16	4	15	225	1/4"		138		2+1/2"	230	4.00
VM080	80	160	200	M 16	4	15	270	1/4"		180		3"	294	5.40
VM0100	100	180	220	M 16	8	15	310	1/4"		214		4"	334	7.60
VM0125	125	210	250	M 16	8	15	350	1/4"		250				10.20
VM0150	150	240	285	M 16	8	18	396	1/4"		285				15.60
VM0200	200	295	340	M 16	8	25	460	1/4"		374				22.80

Max. Operating Pressure					
Sleeve Material	Size	Temp.	Pi max (bar)	Pc max (bar)	Max. Pressure (bar)
NR	13-65	-10+80 °C	3.5	Pi + 2.5	6
	80-200			Pi + 2.5	6
NBR	13-65	-10+80 °C	3.5	Pi + 2.5	6
	80-200			Pi + 2.0	6

Pi = Internal pressure pneum. conv. system

Pc = Closure control pressure

Dimensions in mm