

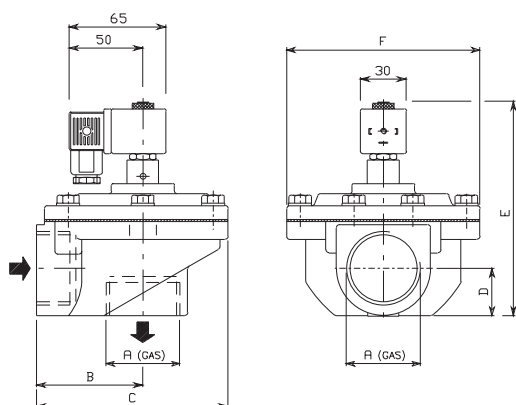
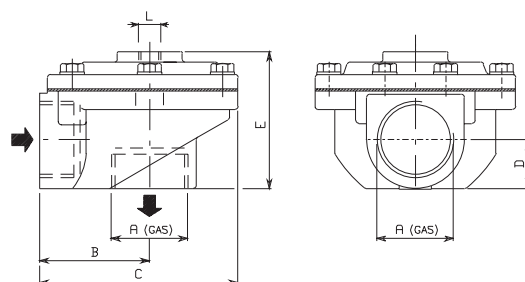
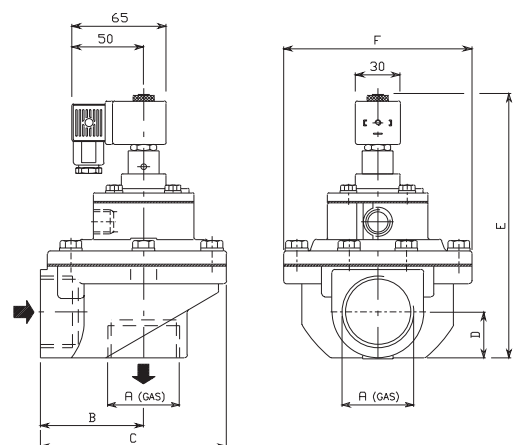
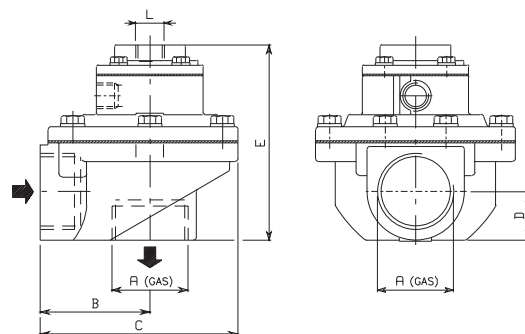
Diaphragm valves suitable for dust collector applications, in particular for reverse pulse-jet filter cleaning of filter bags, cartridges, envelope filters, ceramic filters and sintered metal fibre filters. Valve has the inlet port at 90° to the outlet port. Comprises 6 models, from ¾" to 2½", all with threaded female Gas connections. The 1½" model is available in single and double diaphragm versions, while the 2" and 2½" are all double diaphragm valves. The special design assures an extremely fast opening time, high flow rates and easy installation. The valves are constructed in diecast aluminium and have an anodised protection treatment which protect them from corrosive and environmental agents. Connections are in st. steel.

Technical Specifications

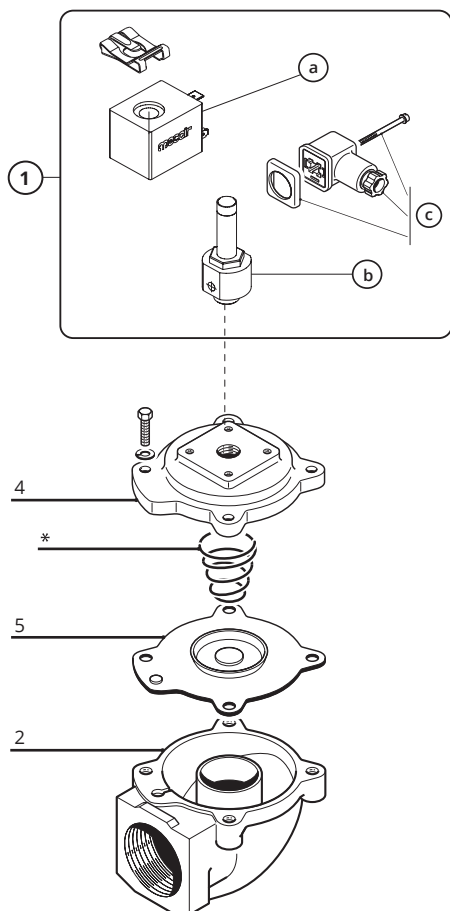
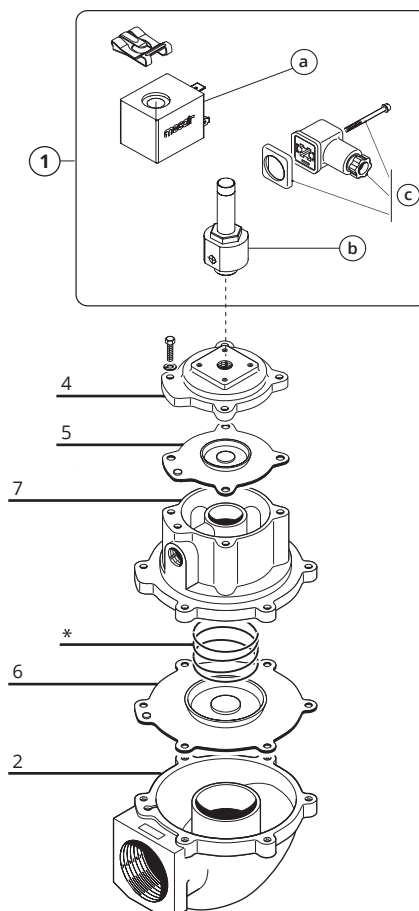
Construction Features - Valve	
Working Pressure	0,5 - 7,5 bar
Diaphragm	NBR (-20 °C / +120 °C)
	Viton (-30 °C / +200 °C)
	Nitril (-40 °C / +120 °C)
Body	Anodized Aluminium
Pilot	Stainless Steel
Diaphragm Spring	Stainless Steel
Backing Disk	Stainless Steel
Screw and Bolts	Stainless Steel
Voltage Range	12 VDC / 24 VDC / 48 VDC / 110 VDC
	24 VAC / 48 VAC / 110 VAC / 220 VAC

Electrical Characteristics - Solenoid	
Coil Insulation	Class H
DIN Socket Connector	Pg9 connection cable entry
DIN Socket Standard	EN175301 - 803 / A/ISO4400
Isolation Class Socket	VDE 0110 - 1/89
DIN Socket Protection	IP65 EN60529
Coltage Range	12 V DC (supply +10% max.) 18 W
	24 V DC (supply +10% max.) 18 W
	48 V DC (supply +10% max.) 18 W
	110 V DC (supply +10% max.) 18 W
	24 V 50/60 Hz (supply +10% max.) 38/31 VA
	48 V 50/60 Hz (supply +10% max.) 41/32 VA
	115 V 50/60 Hz (supply +10% max.) 63/53 VA
Ambient Temperature	220/240 V 50/60 Hz (supply +10% max.) 46/37 VA
	-20 °C / +60 °C



VNP 206 - 208 - 212

VEM 206 - 208 - 212

VNP 214 - 216 - 220

VEM 214 - 216 - 220


Model	ØA	B	C	D	E	F	Weight (Kg)	Model	E	ØL	Weight (Kg)	Pressure Range (bar)		Diaphragm Number
												min.	max.	
VNP 206	3/4"	41	75	18	119	60	0,55	VEM 206	59	1/4"	0,25	0,5	7,5	1
VNP 208	1"	52	90	23	123	74	0,65	VEM 208	63	1/4"	0,35	0,5	7,5	1
VNP 212	1-1/2"	72	130	31	153	135	1,40	VEM 212	93	1/4"	1,10	0,5	7,5	1
VNP 214	1-1/2"	72	130	31	186	135	1,50	VEM 214	126	1/4"	1,20	0,5	7,5	2
VNP 216	2"	90	165	35	206	160	2,50	VEM 216	146	1/4"	2,20	0,5	7,5	2
VNP 220	2-1/2"	116	199	47	226	190	3,30	VEM 220	166	1/4"	3,00	0,5	7,5	2
VNP 224	3"	145	275	92	285	265	7,55	VEM 226	225	1/4"	7,30	0,5	7,5	2

VEM / VNP 206 - 208 - 212

VEM / VNP 214 - 216 - 220


No	Description
1	Pilot group complete with solenoid (*) and DIN connector
a+b+4	Pilot group complete with solenoid (*), top cover and screws
2	Valve Body
7	Intermediate cover (double diaphragm)
4	Top cover
5	Diaphragm
5+6+yay	Diaphragm (main and secondary)

No	Description
a	Solenoid
b	Pilot Group Complete
c	DIN Connector