Partnership. With Guarantee.

2/2-Way filter diaphragm valve, 3/4" up to 21/2" Series VNP and VEM



VNP



VEM

Design type	2/2-way filter diaphragm valve, normally closed, with or without pilot valve
Function	These valves are used for cleaning filters with air. For all other applications, please consult us.
Connection	G3/4"...G21/2" according to ISO228/1, Outlet port at 90° angle to the inlet port
Materials	Body anodized aluminium, Spring and screws stainless steel, Diaphragm material NBR (Perbunan)
Medium	Compressed air
Medium temperature	-20...+80°C
Ambient temperature	-20...+60°C
Mounting type	Installation in rigid piping system
Mounting position	any
Switching time	approx. 100ms (depending on the connection size)
Scope of delivery	incl. connector according to EN175301-803 Form A, Cable entry M20x1,5
Special version	Medium temperature -30...200°C, Valve complete in stainless steel, ATEX
Coil type	SB4, Connector width 32mm
Voltage type	AC and DC voltage
Standard voltage	230V/50-60Hz, 24V/50-60Hz, 24VDC, other voltages on request
Power consumption	see table "Solenoid coil"
Degree of protection	IP65 according to EN 60529 with correctly mounted device connector (protection against dust ingress and water jets)
Ordering note	When ordering, please specify voltage and type of current.

Type code

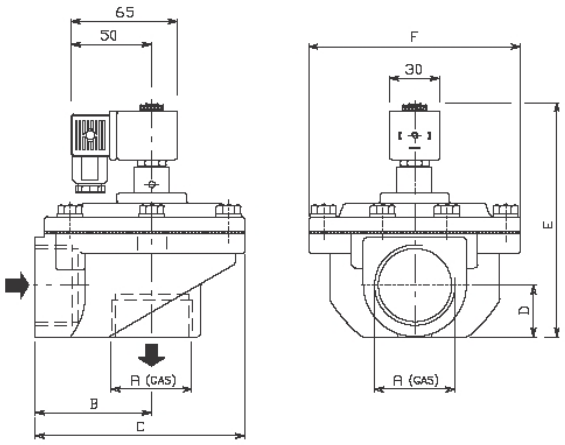
V	_ _	_ _ _ SB4 - **220V/50-60Hz**	
	NPwith mounted Pilot valve	**206**G3/4"	220V/50-60Hz
	EMwithout Pilot valve, for external Actuation	**208**G1"	24V/50-60Hz
		212G11/2"	24VDC
		214G11/2"	
		216G2"	
		220G21/2"	

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Solenoid coil

Voltage	Power consumption at 20°C	Type
24V/50-60Hz	38VA	SB4-24V/50HZ
24VDC	18W	SB4-24VDC
115V/50-60Hz	63VA	SB4-115V/50HZ
220-240V/50-60Hz	46VA	SB4-220V/50HZ

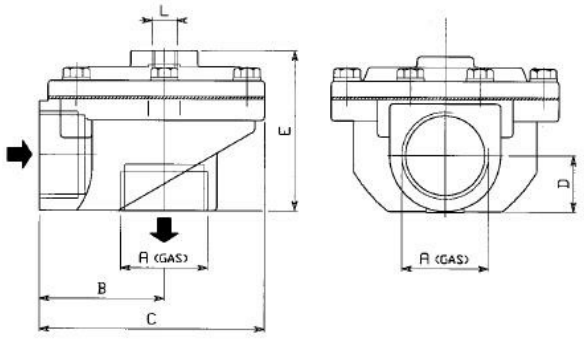
Dimensions VNP



Connection A	Nominal size DN[mm]	Pressure range [bar]	B	C	D	E	F	Kv value [m ^{3} /h Water]	Number of diaphragms	Weight [approx. kg]	Type
G3/4"	24	0,5-7,5	41	75	18	119	60	10	1	0,55	VNP206
G1"	30	0,5-7,5	52	90	23	123	74	21	1	0,65	VNP208
G11/2"	44	0,5-7,5	72	130	31	153	135	37	1	1,4	VNP212
G11/2"	44	0,5-7,5	72	130	31	186	135	44	2	1,5	VNP214
G2"	56	0,5-7,5	90	165	35	206	160	78	2	2,5	VNP216
G21/2"	72	0,5-7,5	116	199	47	226	190	96	2	3,3	VNP220

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Dimensions VEM



Connection A	Nominal size DN[mm]	Pressure range [bar]	B	C	D	E	F	L	Kv value [m 3 /h Water]	Number of diaphragms	Weight [approx. kg]	Type
G3/4"	24	0,5-7,5	41	75	18	59	60	G1/4"	10	1	0,25	VEM206
G1"	30	0,5-7,5	52	90	23	63	74	G1/4"	21	1	0,35	VEM208
G11/2"	44	0,5-7,5	72	130	31	93	135	G1/4"	37	1	1,1	VEM212
G11/2"	44	0,5-7,5	72	130	31	126	135	G1/4"	44	2	1,2	VEM214
G2"	56	0,5-7,5	90	165	35	146	160	G1/4"	78	2	2,2	VEM216
G21/2"	72	0,5-7,5	116	199	47	166	190	G1/4"	96	2	3	VEM220

Illustrations non-binding
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