

Solenoid valves

Solenoid valves EMVO



Solenoid valve EMVO with venting filter

Our highlights...

- 3/2-way valve
- Valve with large nominal diameter
- Directly controlled

Your advantages...

- > Control of vacuum on/off or venting function
- > Suitable for lines with large nominal flow rates
- > Short opening and closing times

Applications

- For use at high volume flow rates in systems with large cross-sections
- Vacuum on/off and venting functions possible
- Blow-off instead of venting not possible
- Suitable for neutral and aggressive gases

Construction

- Directly controlled solenoid valve
- Normally closed (NC)
- Seat valve in housing made of brass and aluminum
- Degree of protection IP 65
- Connection socket complies with DIN 43 650, Form A
- Supplied complete with plug connector

Suitability for branch-specific applications



Ordering data Solenoid valves EMVO

Type	Operating voltage	
	230V-AC	24V-DC
EMVO 12	10.05.01.00052	10.05.01.00049
EMVO 20	10.05.01.00053	10.05.01.00050
EMVO 25	10.05.01.00054	10.05.01.00051

Ordering data accessories Solenoid valves EMVO

Type	Venting filter with mounting kit
EMVO 12	10.05.01.00061
EMVO 20	10.05.01.00062
EMVO 25	10.05.01.00063

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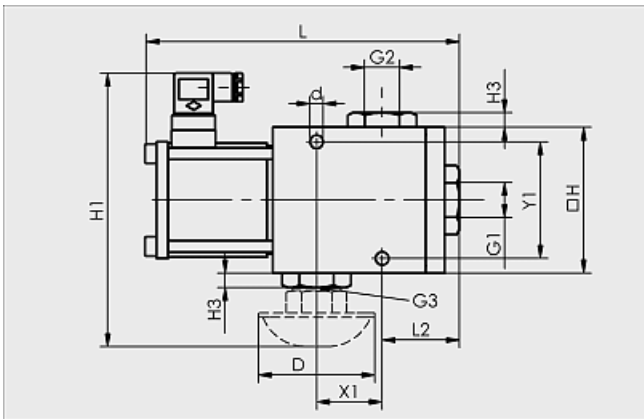
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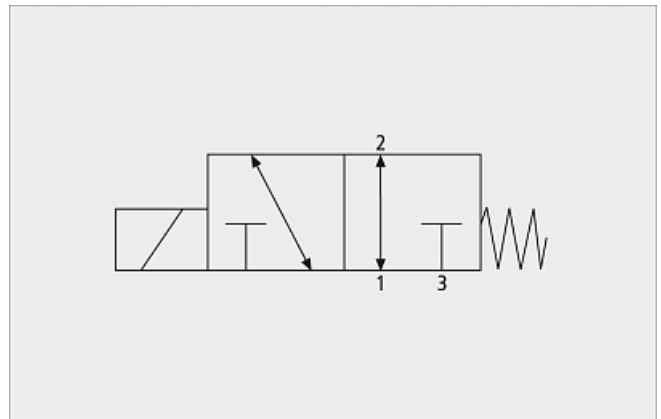
Technical data Solenoid valves EMVO

Type	Nominal size [mm]	Principle of operation	Nominal flow rate [m³/h]	Nominal flow rate [l/min]	Power consumption DC [W]	Weight [kg]
EMVO 12	12	Normally closed	21	350	18,3	1,2
EMVO 20	20	Normally closed	72	1200	40,8	5,8
EMVO 25	25	Normally closed	101	1683	40,8	5,7

Design data and functional circuit diagram Solenoid valves EMVO



EMVO 12 to 25



Circuit diagram EMVO

Type	Dimensions in mm											
	d	D	G1	G2	G3	H	H1	H3	L	L2	X1	Y1
EMVO 12	6,5	80	G1/2-F	G1/2-F	G1/2-F	60	135,5	-	122	32	24	40
EMVO 20	9,0	80	G3/4-F	G3/4-F	G3/4-F	100	187,5	10	206	43	45	80
EMVO 25	9,0	80	G1-F	G1-F	G1-F	100	172,0	-	206	43	45	80