

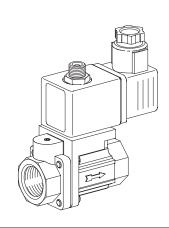
2/2-Way Solenoid Valve - Type EGV Series 300

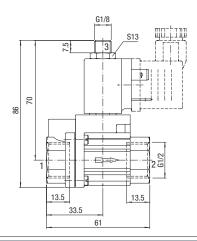
group

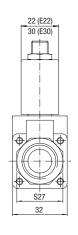
Function "B" normally open Low noise and impact-free closing, for neutral, gaseous or fluids

Version		DN	Kv-value water [m³/h]	G	PN	Possible type of power	Sealing material	Туре	Order number	Price
	Valve without solenoid coil Permitted operating pressure 0.3 bar up to value according to table below.	13	3.2	G 1/2	16	AC / DC	NBR	EGV-311-B87-1/2BP-00	613411	0. r.
		13	3.2	G 1/2	16	AC / DC	EPDM	EGV-311-B87-1/2PP-00	613413	o. r.
		13	3.2	G 1/2	16	AC / DC	FKM	EGV-311-B87-1/2FP-00	613415	o. r.

Illustration



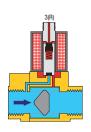




These valves, due to their long lifetime, are primarily used as a start-up unloading device for compressors. If the magnet loses power, control chamber volume leakage of "3" occurs briefly. If necessary this must be caught and discharged at connector G 1/8 (above)

Cable sockets adaptable with solenoid coil E22 by 2 x 180°, with E30 by 4 x 90° repositionable Both solenoid coils 360° rotatable.

Function



In 0-position - magnetic system not under power - its seat is closed and its overrideal seat open. Thereby the control chamber is released by "3" and the membrane held in "open" position by the flow medium. A minimum pressure difference is required for this.

Variations



2/2-way flange mount Solenoid valve Flange-side pressure inlet Type EGV-311-BL7-....

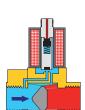
Options



Stepwise manual override Type EGV-312-... This limits: permitted excess operating pressure: 12 5 har permitted Medium temperature: max. 60°C



Membrane made of other material: CR (chloroprene) optimal for compressed air HNBR (NBR with higher nitrile content) specially for certain synthetic oils



In overrideal position magnetic system under power - its seat is open and its overrideal seat closed. Pressure thus builds up in the control chamber, which due to the larger effective membrane surface holds the membrane in closed position.



2/2-way flange mount Solenoid valve Thread-side pressure inlet Type EGV-311-B9H-....



increases resistance to corrosion, and replaces stainless steel valves cost-effectively for many flow medium Type EGV-311Q-.



Non-return valve integrated outlet-side in the gate unit Type EGV-311-B87-./.,T-.. This only blocks up to a pressure difference of 10 bar

Permitted Operating Pressure OP

	DN Type	PN	Combinable solenoid coil				Permitted Operating Pressure OP [bar] at ambient temperature + 60°C														
				Nominal power P ₂₀		AC 50 Hz			AC 60 Hz			DC O		DC			DC				
DN			Туре	AC 50 Hz [VA]	AC 60 Hz	DC	90 %U _N Medium temperature			90 %U _N Medium temperature			90 %U _N Medium temperature		90 %U _N Medium temperature			100 %U _N Medium temperature			
					[VA]	[W]	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C	60 °C	90 °C	130 °C
	EGV-311-B	16	E22L.	3.5	on req.	2.5	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.	on req.
13			E22M.	5.5	5	5	16	16	16	16	16	16	16	16	on req.	on req.	on req.	on req.	on req.	on req.	on req.
13			E22H.	-	-	8	-	-	-	-	-	-	16	16	16	16	16	16	16	16	16
			E30P.	12	10.5	8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16