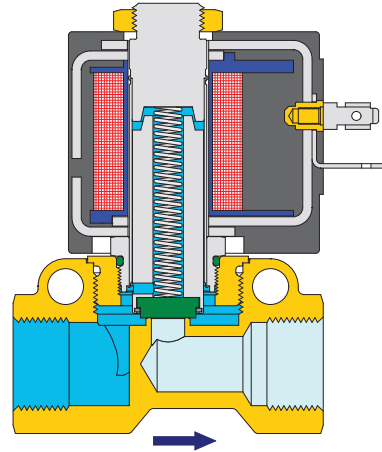


DIGMA Solenoid Valves Type EBV Series 100



Direct-acting DC solenoid valve with traditional constructional design, however with significantly improved magnetic circuit.

CHARACTERISTICS

GENERAL

Constructional design	Seat valve, elastomer seals	
Product name	2/2-way solenoid valve	
Actuation	electric, direct-acting,	
Product type	EBV-1.3-A..	EBV-153-A..
Function	"A" normally closed (closing with flow)	
Nominal diameter	DN 3, DN 4 or DN 6	
Port size	G 1/4	G 3/8
Ambient temperature	-20 °C to +60 °C (others on request)	
Medium temperature	for NBR: -10 °C to +90 °C for FKM -10 °C to +130 °C (others on request)	
Medium viscosity	up to approx. 20 mm²/s	
Valve body material	Brass	
Other internal component material	Stainless steel	
Seal material	NBR (Perbunan) or FKM (fluoride rubber)	
Solenoid housing material	plastic-moulded	
Mounting method	2 M3 tapped holes in valve body or using rigid pipework	2 mounting holes in valve body or using rigid pipework
Mounting position	optional, preferably upright	

PNEUMATIC - HYDRAULIC

Nominal pressure	up to PN 16
Pressure range	technical vacuum up to excess pressure corresponding to PN
Flow rate	Kv-value and QNn-value according to type table
Medium	gaseous or liquid media sealing material NBR: e.g. compressed air, water, hydraulic fluids, neutral gases sealing material FKM: e.g. solvents, hot water, hot air
Response time	Opening time: approx. 40 ms, closing time: approx. 60 ms

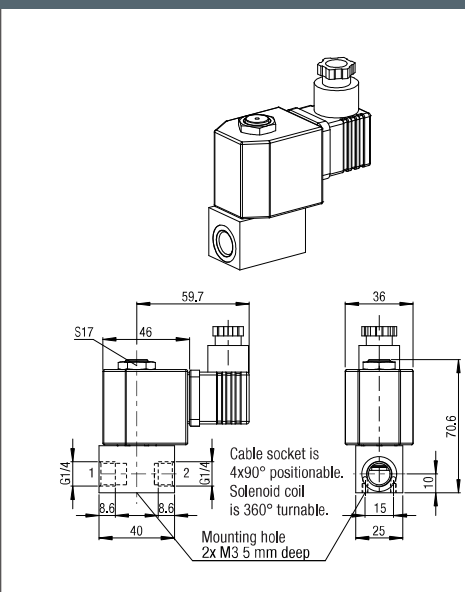
ELECTRIC

Nominal voltage	12 or 24 V DC (other DC on request)
Voltage tolerance	±10 %
Nominal power P ₂₀	16 W
Duty cycle	100 %
Protection class	IP 65 (wiring box properly assembled)

2/2-Way Solenoid Valve - Direct-acting - Type EBV Series 100

Price group	55	Port size G 1/4		Function "A" normally closed				Brass		
Version	DN	Kv-value water [m³/h]	Q _N - value air [l/min]	G	PN	Sealing material	Voltage / current	Type	Order number	Price
Solenoid valve with Solenoid coil E36 including cable socket ESG-182 Peg 9	3	0.28	285	G 1/4	16	NBR	12 V DC	EBV-113-A30-1/4B-012/=S9	627303	o. r.
	3	0.28	285	G 1/4	16	FKM	12 V DC	EBV-113-A30-1/4F-012/=S9	627304	o. r.
	4	0.5	520	G 1/4	10	NBR	12 V DC	EBV-113-A40-1/4B-012/=S9	627305	o. r.
	4	0.5	520	G 1/4	10	FKM	12 V DC	EBV-113-A40-1/4F-012/=S9	627306	o. r.
	6	0.8	850	G 1/4	5	NBR	12 V DC	EBV-113-A60-1/4B-012/=S9	627307	o. r.
	6	0.8	850	G 1/4	5	FKM	12 V DC	EBV-113-A60-1/4F-012/=S9	627308	o. r.
	3	0.28	285	G 1/4	16	NBR	24 V DC	EBV-113-A30-1/4B-024/=S9	627313	o. r.
	3	0.28	285	G 1/4	16	FKM	24 V DC	EBV-113-A30-1/4F-024/=S9	627314	o. r.
	4	0.5	520	G 1/4	10	NBR	24 V DC	EBV-113-A40-1/4B-024/=S9	627315	o. r.
	4	0.5	520	G 1/4	10	FKM	24 V DC	EBV-113-A40-1/4F-024/=S9	627316	o. r.
	6	0.8	850	G 1/4	5	NBR	24 V DC	EBV-113-A60-1/4B-024/=S9	627317	o. r.
	6	0.8	850	G 1/4	5	FKM	24 V DC	EBV-113-A60-1/4F-024/=S9	627318	o. r.

Illustration



2/2-Way Solenoid Valve - Direct-acting - Type EBV Series 100

Price group	55	Port size G 3/8		Function "A" normally closed				Brass		
Version	DN	Kv-value water [m³/h]	QNn- value air [l/min]	G	PN	Sealing material	Voltage / current	Type	Order number	Price
Solenoid valve with Solenoid coil E36 including cable socket ESG-182 Pg 9	3	0.28	285	G 3/8	16	NBR	12 V DC	EBV-153-A30-3/8B-012/=-S9	627321	0. r.
	3	0.28	285	G 3/8	16	FKM	12 V DC	EBV-153-A30-3/8F-012/=-S9	627322	0. r.
	4	0.5	520	G 3/8	10	NBR	12 V DC	EBV-153-A40-3/8B-012/=-S9	627323	0. r.
	4	0.5	520	G 3/8	10	FKM	12 V DC	EBV-153-A40-3/8F-012/=-S9	627324	0. r.
	6	0.8	850	G 3/8	5	NBR	12 V DC	EBV-153-A60-3/8B-012/=-S9	627325	0. r.
	6	0.8	850	G 3/8	5	FKM	12 V DC	EBV-153-A60-3/8F-012/=-S9	627326	0. r.
	3	0.28	285	G 3/8	16	NBR	24 V DC	EBV-153-A30-3/8B-024/=-S9	627331	0. r.
	3	0.28	285	G 3/8	16	FKM	24 V DC	EBV-153-A30-3/8F-024/=-S9	627332	0. r.
	4	0.5	520	G 3/8	10	NBR	24 V DC	EBV-153-A40-3/8B-024/=-S9	627333	0. r.
	4	0.5	520	G 3/8	10	FKM	24 V DC	EBV-153-A40-3/8F-024/=-S9	627334	0. r.
	6	0.8	850	G 3/8	5	NBR	24 V DC	EBV-153-A60-3/8B-024/=-S9	627335	0. r.
	6	0.8	850	G 3/8	5	FKM	24 V DC	EBV-153-A60-3/8F-024/=-S9	627336	0. r.

Illustration

