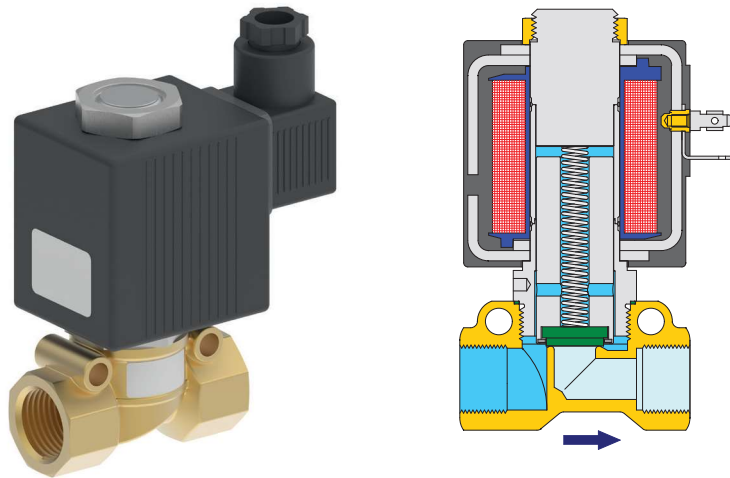


DIGMA Solenoid Valves Type EDV Series 200



CHARACTERISTICS

GENERAL

Constructional design	Seat valve, elastomer or high-performance plastic seals
Product name	2/2-way solenoid valve
Actuation	electric, direct-acting
Product type	EDV-213-A..
Function	"A" normally closed (closing with flow)
Nominal diameter	DN 3 to DN 10
Port sizes	G 3/8 and G 1/2
Ambient temperature	-20 °C to +60 °C (others on request)
Medium temperature	for NBR: -10 °C to +90 °C *, for PTFE: -40 °C to +130 °C, for FKM and EPDM: -10 °C to +130 °C
Medium viscosity	up to ca. 20 mm²/s
Valve body material	Brass
Other internal component material	Stainless steel
Seat seal material	FKM, EPDM, NBR or PTFE
Material guide tube seal	FKM (also with PTFE seat seal), EPDM or NBR
Material of magnet coil	Thermoplastic
Mounting method	by 2 mounting bores in the valve body or in rigid pipe system
Mounting position	optional, preferably upright

PNEUMATIC - HYDRAULIC

Nominal pressure [bar]	up to PN 30, according to type table
Pressure range	technical vacuum up to excess pressure corresponding to PN
Flow rate	Kv-value and QNn-value according to type table
Medium	Neutrals gaseous or liquid media sealing material Sealing material NBR: e.g. compressed air, water, hydraulic fluids, neutral gases sealing material Sealing material PTFE: e.g. solvents, hot water, water vapour, hot air Sealing material EPDM: e.g. hot water Sealing material FKM: e.g. Solvents, hot water, hot air over 90 °C
Response time	Opening time: 120 - 160 ms, closing time: 120 - 140 ms
electric	see under Solenoids

* Medium temperatures over 60 °C limit permitted ambient temperature, duty cycle and / or permitted overvoltage.

2/2-Way Solenoid Valve - Type EDV Series 200

Price group **55**

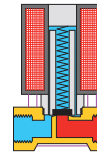
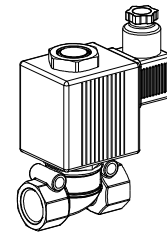
"A" normally closed

Brass

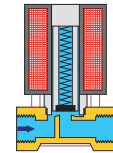
Version	DN	Kv-value water [m³/h]	QnN- value air [l/min]	G	PN	Sealing material	type	Order number	Price
For all DC magnet coils 	3	0.28	285	G 3/8	30	FKM	EDV-213-A30-3/8F-00	684200	o. r.
	3	0.28	285	G 3/8	30	EPDM	EDV-213-A30-3/8P-00	684207	o. r.
	3	0.28	285	G 3/8	30	NBR	EDV-213-A30-3/8B-00	684214	o. r.
	3	0.28	285	G 3/8	30	PTFE	EDV-213-A30-3/8T-00	684221	o. r.
	4	0.5	520	G 3/8	20	FKM	EDV-213-A40-3/8F-00	684201	o. r.
	4	0.5	520	G 3/8	20	EPDM	EDV-213-A40-3/8P-00	684208	o. r.
	4	0.5	520	G 3/8	20	NBR	EDV-213-A40-3/8B-00	684215	o. r.
	4	0.5	520	G 3/8	20	PTFE	EDV-213-A40-3/8T-00	684222	o. r.
	6	0.8	850	G 3/8	10	FKM	EDV-213-A60-3/8F-00	684202	o. r.
	6	0.8	850	G 3/8	10	EPDM	EDV-213-A60-3/8P-00	684209	o. r.
	6	0.8	850	G 3/8	10	NBR	EDV-213-A60-3/8B-00	684216	o. r.
	6	0.8	850	G 3/8	10	PTFE	EDV-213-A60-3/8T-00	684223	o. r.
	6	0.8	850	G 1/2	10	FKM	EDV-213-A60-1/2F-00	684203	o. r.
	6	0.8	850	G 1/2	10	EPDM	EDV-213-A60-1/2P-00	684210	o. r.
	6	0.8	850	G 1/2	10	NBR	EDV-213-A60-1/2B-00	684217	o. r.
	6	0.8	850	G 1/2	10	PTFE	EDV-213-A60-1/2T-00	684224	o. r.
	10	1.7	1670	G 3/8	2.5	FKM	EDV-213-A10-3/8F-00	684204	o. r.
	10	1.7	1670	G 3/8	2.5	EPDM	EDV-213-A10-3/8P-00	684211	o. r.
	10	1.7	1670	G 3/8	2.5	NBR	EDV-213-A10-3/8B-00	684218	o. r.
	10	1.7	1670	G 3/8	2.5	PTFE	EDV-213-A10-3/8T-00	684225	o. r.
	10	1.7	1670	G 1/2	2.5	FKM	EDV-213-A10-1/2F-00	684205	o. r.
	10	1.7	1670	G 1/2	2.5	EPDM	EDV-213-A10-1/2P-00	684212	o. r.
	10	1.7	1670	G 1/2	2.5	NBR	EDV-213-A10-1/2B-00	684219	o. r.
	10	1.7	1670	G 1/2	2.5	PTFE	EDV-213-A10-1/2T-00	684226	o. r.

G	L	I	L1	L2	m	h	S
G 3/8	56	10	89,5	102	37	14	22
G 1/2	60	13,5	91	104,5	37	15	27

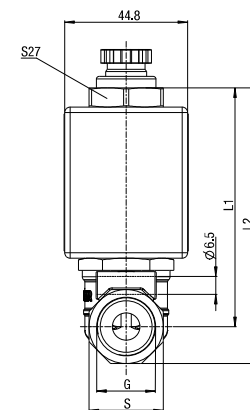
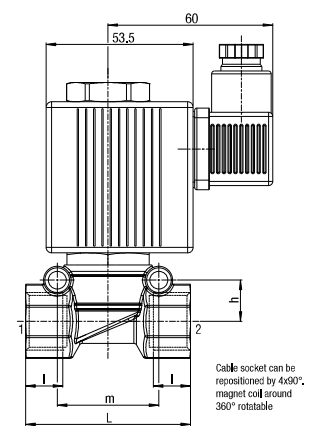
Illustration



0-position



Operational position



Stainless Steel Variant 2/2-Way Solenoid Valve - Type EDV Series 200

Stainless
steel

2/2-way solenoid valve with stainless steel body 1.4305

type EDV-213X5-A...

Variant Illustration

