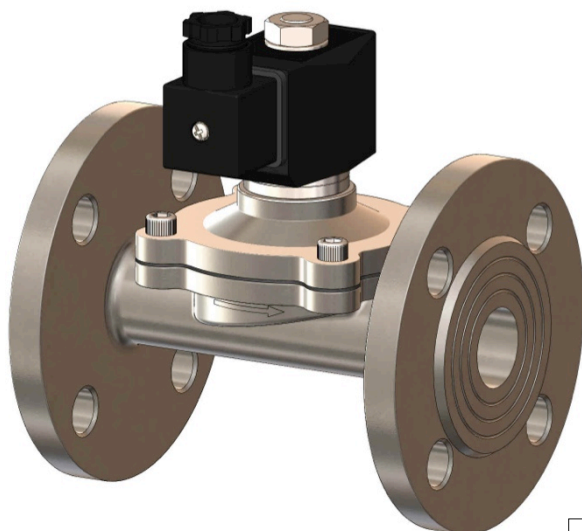


2/2-way solenoid valve stainless steel type FV01



description:

2/2-way flange solenoid valve made of stainless steel, with membrane for high flow rates. Design with flange connection. Ideal for machine and plant engineering. This valve switches at 0 bar (force pilot operated)

product features:

- Suitable for **liquid & gaseous, neutral and not neutral media**
- Mounting position: any, preferably solenoid above
- with flange-connection

connection:

DN25, DN32, DN40, DN50,
DN65, DN80, DN100

control:

force pilot
operated

function:

NC – normally closed

pressure:

0,0 – 10 bar – depending
on design

design:

diameter:

body material:

seal:

voltage:

voltage tolerance:

power consumption:

duty:

plug socket:

viscosity:

temperature:

seat valve with membrane

DN25, DN32, DN40, DN50, DN65, DN80, DN100

stainless steel 1.4308

EPDM, NBR, FKM

230V 50Hz 24V DC

+/- 10% acc. VDE 0580

230V 50Hz: DN25: 33 VA / DN32-100: 57 VA

24V DC DN25: 20 W / DN32-50: 45 W / DN65-100: 64 W

100 % ED

IP65 with plug socket mounted acc. DIN EN 175301-803 Form A

≤20CST

ambient: max. + 50°C

media: FKM – 10°C up to +120°C

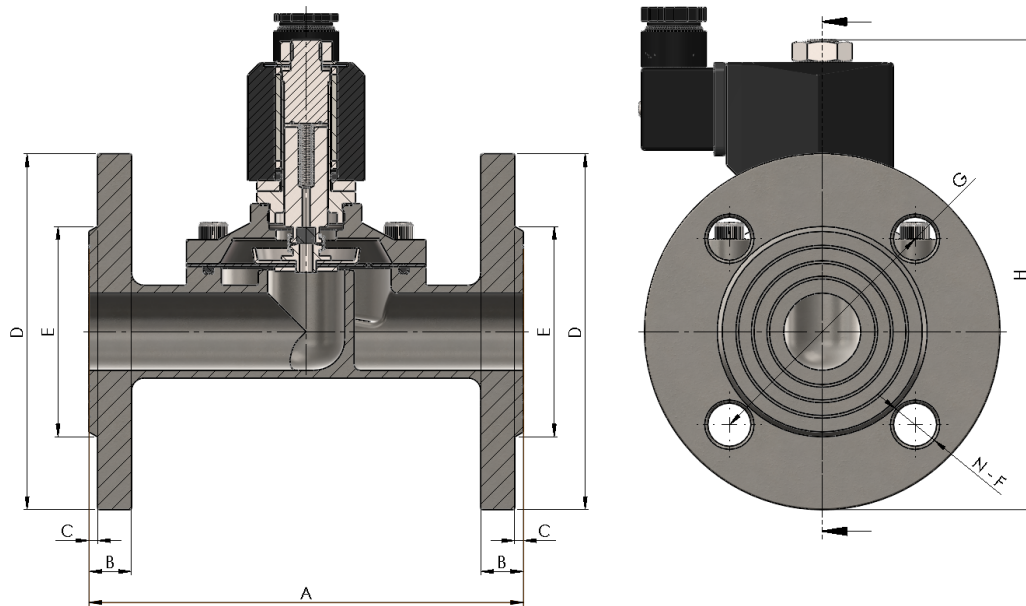
EPDM – 10°C up to +130°C

DN	max. pressure 230V (24V DC)	connection	flow rate
25	0,0 – 10 bar (8 bar*)	FL DN25 – 1"	10,2 m³/h
32	0,0 – 10 bar (6 bar*)	FL DN32 – 1 1/4"	20,5 m³/h
40	0,0 – 10 bar (6 bar*)	FL DN40 – 1 1/2"	24,7 m³/h
50	0,0 – 10 bar (6 bar*)	FL DN50 – 2"	40,9 m³/h
65	0,0 – 6 bar (5 bar*)	FL DN65 – 2 1/2"	64 m³/h
80	0,0 – 6 bar (5 bar*)	FL DN80 – 3"	76,8 m³/h
100	0,0 – 6 bar (5 bar*)	FL DN100 – 4"	136,5 m³/h

* direct current reduces the working pressure

options:

without oil and fat
plug socket mounted with LED



dimensions:

DN		A	B	C	ØD	ØE	N-ØF	ØG	H	flange
25	1"	140	14	2	115	62	4-14	85	160	PN10-40
32	1 1/4"	152	15	2	135	76	4-18	100	215	PN10-40
40	1 1/2"	152	15	2	145	84	4-18	110	215	PN10-40
50	2"	195	16	2	160	98	4-18	125	220	PN10-40
65	2 1/2"	250	19	3	185	118	4-18	145	308	PN10-40
80	3"	270	19	3	202	134	4-18	160	320	PN10-40
100	4"	342	21	3	222	162	8-18	180	345	PN10-16

Flanges acc. To DIN EN 1092-1

article number:

Type	Voltage	Seal	Function	Version	Size
FV01	1 – 230V 50Hz 2 – 24V DC	1 – EPDM 2 – FKM	0 – NC normally closed	0 – flange PN10-40*	05 – DN25 06 – DN32 07 – DN40 08 – DN50 09 – DN65 10 – DN80 11 – DN100

Example no. FV01120007:

FV01 | **1** | **2** | **0** | **0** | **07**

2/2 way solenoid valve stainless steel
 Voltage: 230V 50Hz
 Seal: FKM
 Function: NC normally closed
 Version: flange PN10-40
 Size: DN40

*DN100: flange PN10-16

Image similar, subject change without notice.