

2/2 Force Pilot Operated

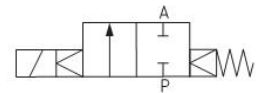


Series 37

Normally closed force pilot operated solenoid valve suitable for non aggressive gases and fluids. When energized the solenoid first opens the pilot hole and then lifts directly or supported by a pressure difference the diaphragm from the valve seat. The valve is closed by spring power.

Technical Features

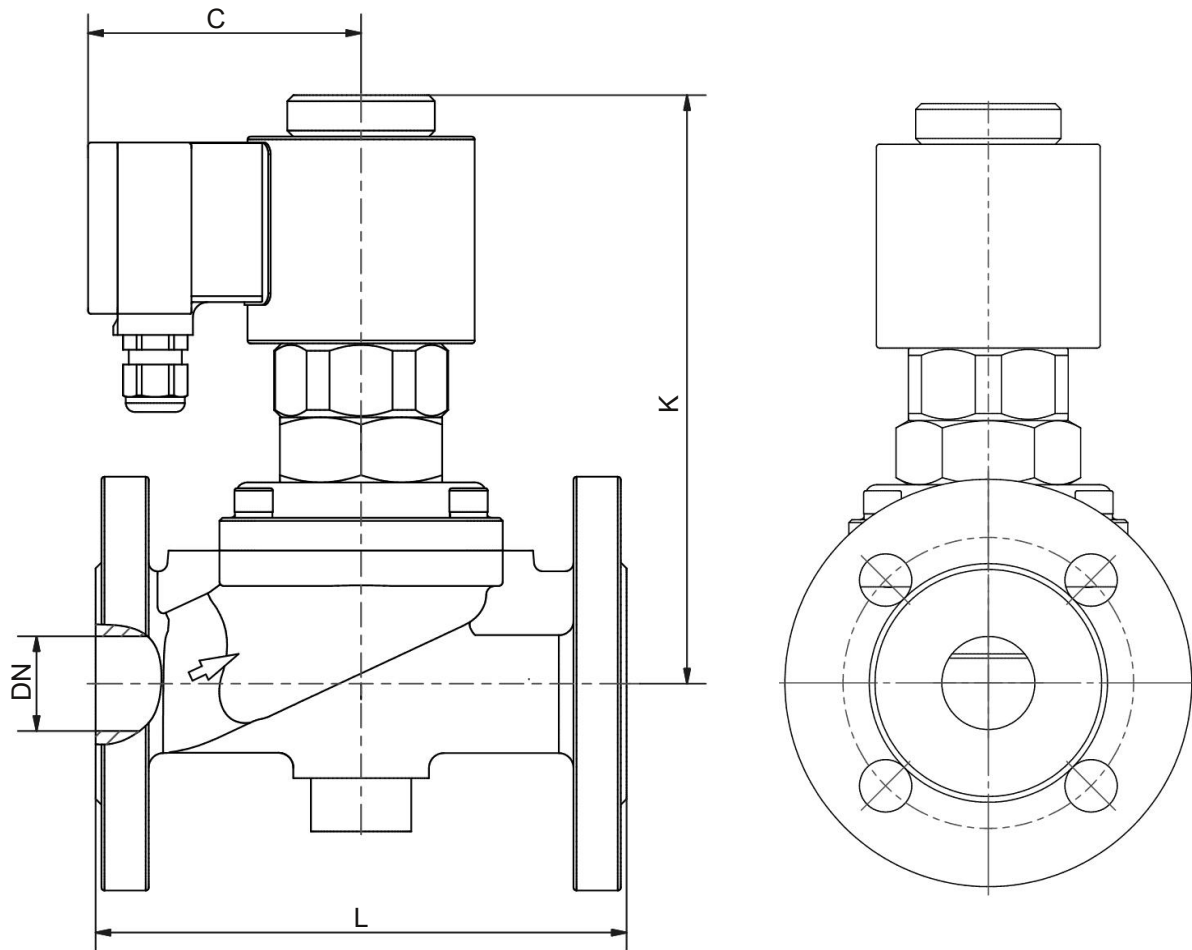
Pressure range:	0-16 bar (see table)
Connection:	Flange acc. to PN 10/16/25/40
Standard voltages:	24, 110, 230V/50-60Hz $\pm 10\%$ 12, 24, 110VDC $\pm 10\%$
Temperature range:	-10...+80°C at 35°C ambient temperature
Viscosity:	Max 22 mm ² /s
Body:	Cast iron EN-GJL-250
Metallic internals:	Brass and Stainless steel 1.4104 (AISI430F)
Piston seal:	PTFE
Installation:	Actuator only in upright position
Duty factor:	100% ED-VDE0580
Protection class:	IP65 acc. to DIN EN 60529 ATEX II 2G EEx m II T4 / II 2D IP65 T130°C (Valid for models marked  below)



Type	DN	Seat mm	Pressure range bar	Power W	Kv m ³ /h
3702/0404/.802-...V/..Hz	20	20	0-16	24	11
3703/0404/.802-...V/..Hz	25	25	0-16	24	13
3704/0404/.322-...V/..Hz	32	32	0-12	30	24
3705/0404/.322-...V/..Hz	40	40	0-10	30	27
3706/0404/.322-...V/..Hz	50	50	0-6	30	42
3706/0404/.242-...V/..Hz	50	50	0-16	46	42

Type	DN	Seat mm	Pressure range bar	Power W	Kv m ³ /h
3702/0404/.808-...V/..Hz 	20	20	0-16	24	11,0
3703/0404/.808-...V/..Hz 	25	25	0-16	24	13,0
3704/0404/.328-...V/..Hz 	32	32	0-12	30	24,0
3705/0404/.328-...V/..Hz 	40	40	0-10	30	27,0
3706/0404/.328-...V/..Hz 	50	50	0-6	30	42,0
3706/0404/.278-...V/..Hz 	50	50	0-16	100	42,0

2/2 Force Pilot Operated



Dimensions, mm

Type	DN	C	K	L	Kg
3702/0404/.802-...V/..Hz	20	66	128	150	5,5
3703/0404/.802-...V/..Hz	25	66	128	160	6,0
3704/0404/.322-...V/..Hz	32	76	156	180	7,5
3705/0404/.322-...V/..Hz	40	76	156	200	7,5
3706/0404/.322-...V/..Hz	50	165	165	230	9,5
3706/0404/.242-...V/..Hz	50	200	200	230	11,5