

2/2 Force Pilot Operated



Type 43

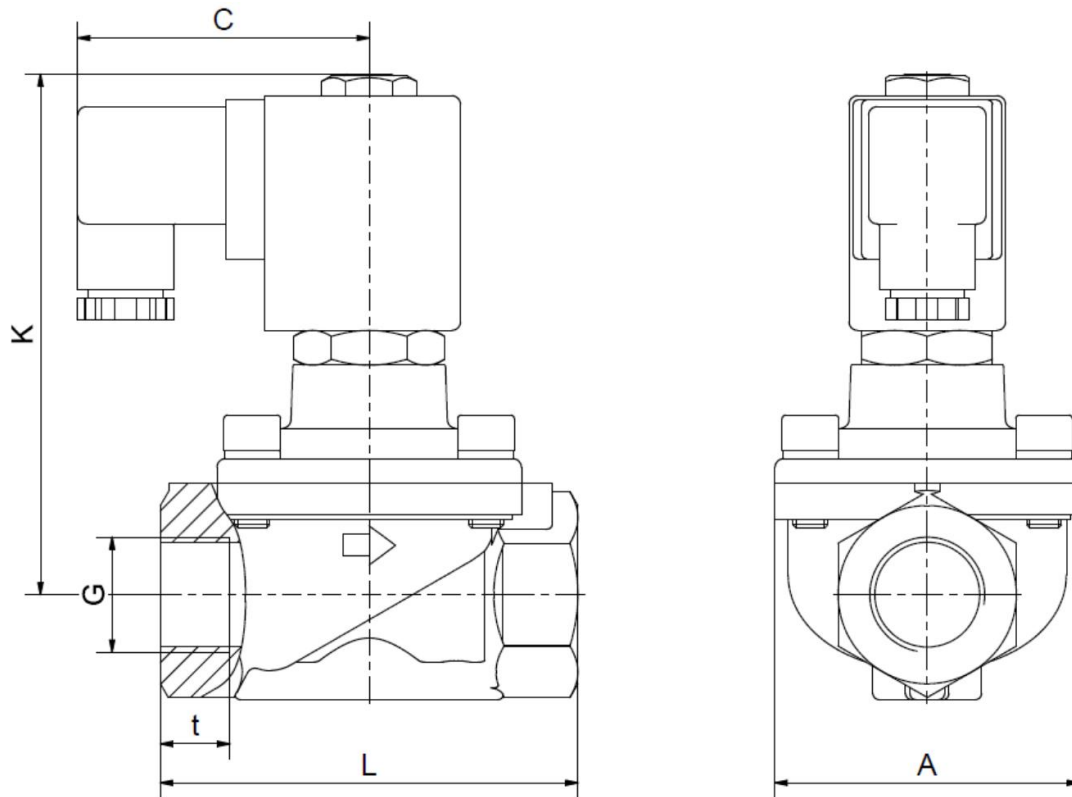
Normally closed force pilot operated solenoid valve suitable for non aggressive gases and fluids. When energized the solenoid first opens the pilot hole and then lifts directly or supported by a pressure difference the diaphragm from the valve seat. The valve is closed by spring power.

Technical Features

Pressure range:	0-16 bar (see table)
Connection:	Female thread 1/4" - 2" acc. to DIN ISO 228/1 (BSP)
Standard voltages:	24, 110, 230V/50-60Hz $\pm 10\%$ 12, 24VDC $\pm 10\%$
Temperature range:	-10...+80°C at 35°C ambient temperature
Viscosity:	Max 22 mm ² /s
Body:	Brass
Metallic internals:	Brass and stainless steel 1.4104 (AISI430F)
Diaphragm:	NBR
Installation:	Actuator only in upright position
Duty factor:	100% ED-VDE0580
Protection class:	IP65 acc. to DIN EN 60529
Other:	ATEX II 2G EEx m II T4 / II 2D IP65 T130°C (Valid for models marked  below) 1 1/4"-2" is equipped with variable close muting as standard

Type	G	Seat mm	Pressure range bar	Power AC	Power DC	Kv m ³ /h
4321E/1001/.032-..V/..Hz	1/4"	13,5	0-10	18/19VA	11W	1,8
4321E/1001/.012-..V/..Hz	1/4"	13,5	0-16	24VA	18,5W	1,8
4322E/1001/.032-..V/..Hz	3/8"	13,5	0-10	18/19VA	11W	3,6
4322E/1001/.012-..V/..Hz	3/8"	13,5	0-16	24VA	18,5W	3,6
4323E/1001/.032-..V/..Hz	1/2"	13,5	0-10	18/19VA	11W	3,9
4323E/1001/.012-..V/..Hz	1/2"	13,5	0-16	24VA	18,5W	3,9
4324E/1001/.032-..V/..Hz	3/4"	27,5	0-6	18/19VA	11W	10,8
4324E/1001/.012-..V/..Hz	3/4"	27,5	0-10	24VA	18,5W	10,8
4324E/1001/.702-..V/..Hz	3/4"	27,5	0-16	25W	25W	10,8
4325E/1001/.032-..V/..Hz	1"	27,5	0-6	18/19VA	11W	13,0
4325E/1001/.012-..V/..Hz	1"	27,5	0-10	24VA	18,5W	13,0
4325E/1001/.702-..V/..Hz	1"	27,5	0-16	25W	25W	13,0
4326B/1001/.322-..V/..Hz	1 1/4"	40,0	0-10	30W	30W	22,0
4326B/1001/.242-..V/..Hz	1 1/4"	40,0	0-16	46W	46W	22,0
4327B/1001/.322-..V/..Hz	1 1/2"	40,0	0-10	30W	30W	25,0
4327B/1001/.242-..V/..Hz	1 1/2"	40,0	0-16	46W	46W	25,0
4328B/1001/.322-..V/..Hz	2"	50,0	0-6	30W	30W	30,0
4328B/1001/.242-..V/..Hz	2"	50,0	0-16	46W	46W	30,0
4321E/1001/.148-..V/..Hz 	1/4"	13,5	0-10	8,5VA	10W	1,8
4321E/1001/.808-..V/..Hz 	1/4"	13,5	0-16	24W	24W	1,8
4322E/1001/.148-..V/..Hz 	3/8"	13,5	0-10	8,5VA	10W	3,6
4322E/1001/.808-..V/..Hz 	3/8"	13,5	0-16	24W	24W	3,6
4323E/1001/.148-..V/..Hz 	1/2"	13,5	0-10	8,5VA	10W	3,9
4323E/1001/.808-..V/..Hz 	1/2"	13,5	0-16	24W	24W	3,9
4324E/1001/.148-..V/..Hz 	3/4"	27,5	0-5	8,5VA	10W	10,8
4324E/1001/.808-..V/..Hz 	3/4"	27,5	0-16	24W	24W	10,8
4325E/1001/.148-..V/..Hz 	1"	27,5	0-5	8,5VA	10W	13,0
4325E/1001/.808-..V/..Hz 	1"	27,5	0-16	24W	24W	13,0
4326B/1001/.248-..V/..Hz 	1 1/4"	40,0	0-10	30W	30W	22,0
4326B/1001/.278-..V/..Hz 	1 1/4"	40,0	0-16	47W	47W	22,0
4327B/1001/.248-..V/..Hz 	1 1/2"	40,0	0-10	30W	30W	25,0
4327B/1001/.278-..V/..Hz 	1 1/2"	40,0	0-16	47W	47W	25,0
4328B/1001/.248-..V/..Hz 	2"	50,0	0-6	30W	30W	30,0
4328B/1001/.278-..V/..Hz	2"	50,0	0-16	47W	47W	30,0

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Dimensions

Type	G	A	C	K	L	t	Kg
4321E/1001/.032/.012/.148	1/4"	48	61	86	67	12	0,85
4321E/1001/.808	1/4"	48	67	104	67	12	1,1
4322E/1001/.032/.012/.148	3/8"	48	61	86	67	12	0,8
4322E/1001/.808	3/8"	48	67	104	67	12	1,1
4323E/1001/.032/.012/.148	1/2"	48	61	86	67	13	0,8
4323E/1001/.808	1/2"	48	67	104	67	13	1,0
4324E/1001/.032/.012/.148	3/4"	70	61	96	96	16	1,5
4324E/1001/.808	3/4"	70	67	156	96	16	1,8
4325E/1001/.032/.012/.148	1"	70	61	96	96	16	1,4
4325E/1001/.808	1"	70	67	156	96	16	1,7
4326B/1001/.322	1 1/4"	96	77	173	140	22	4,8
4326B/1001/.242/.248	1 1/4"	96	93	196	140	22	6,2
4326B/1001/.278	1 1/4"	96	107	243	140	22	10,2
4327B/1001/.322	1 1/2"	96	77	173	140	22	4,5
4327B/1001/.242/.248	1 1/2"	96	93	196	140	22	5,9
4327B/1001/.278	1 1/2"	96	107	243	140	22	9,9
4328B/1001/.322	2"	112	77	179	168	25	5,8
4328B/1001/.242/.248	2"	112	93	205	168	25	7,2
4328B/1001/.278	2"	112	112	251	168	25	11,3

Options

FKM or EPDM diaphragm

Non energized open execution, NO

Manual operation

High temperature execution for mediatemperature up to +130°C