



TWO WAY SOLENOID VALVES LIFT-ASSISTED PISTON (direct + servoassisted)

CODICE ABBREVIATO
SHORT CODE

L36.Ex

GENERAL DESCRIPTION / APPLICATIONS



Two way direct acting solenoid valve with spring return.

Suitable for gaseous and liquid media compatible with the (body/seals) material used, vacuum.

Suitable for low differential pressure (zero-differential).

Forged brass, nickel-plated brass or stainless steel body.

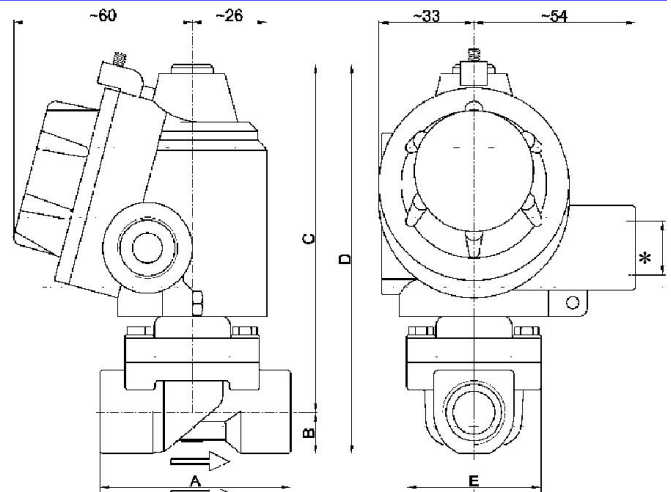
Stainless steel internal parts.

Stainless steel springs.

360° degrees orientable solenoid.

Mountable in any position.

DIMENSIONS (in mm)



** available sizes for electrical connection:
1/2" Gk UNI-6125 (standard)
1/2" NPT (upon request)
ISO M20x1,5 (upon request)

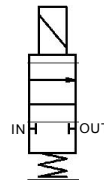
PORT SIZE	DIMENSIONS IN millimeters (mm)				
	A	B	C	D	E
3/8"	64	14	115	128	45
1/2"	64	14	115	128	45
3/4"	83	17	119	136	55

ELECTRICAL INFORMATION

Light alloy explosion-proof solenoid housing. Electrical and mechanical parts certified according to 2014/34/UE ("ATEX") directive, suitable to control the flow of flammable and/or inert gases or liquids. Internal and external anti-twist ground connecting screws. Inside terminal board suitable for cable up to 2,5 mm².

cable entry threaded:	1/2" Gk UNI-6125 (standard) 1/2" NPT, ISO M20x1.5 (available upon request)
protection class:	IP-67
Ex protection class:	Ex-d II 1G/2GDc (IIB o IIC)
Temperature class:	T6 or T5 (t.amb -20 ÷ +40 °C) T5 or T4 (t.amb -20 ÷ +55 °C) upon request.
Coil insulation class:	F (155°C) - H (180°C) upon request.
Winding wire class:	H (180°C).
Duty:	Continuous (S.I.) 100% ED
Power consumption:	Alternate current 11VA (inrush 28VA). Direct current 11W.
Tolleranza tensione:	± 10% (standard) others available upon request
Voltage tolerance:	± 10%
Insulation:	>1000 MOhm
Dielectrical Strength:	>2000 V/1'
Standard voltages	12, 24, 48, 110, 115, 125, 220, 240 Volt
DC= o AC~(50/60Hz):	other voltages available upon request.

OPERATION



L36 - Normally closed

In: N
Out: OUT
Coil de-energized: IN and OUT closed.
Coil energized: from IN to OUT.

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL		ORIFICE DIAMETER mm	NOMINAL MAX.	PRESSURE IN BAR DIFFERENTIAL			Flow factor kv (liters/min.')	WEIGHT Kg.
a	b c d e			MIN.	MAX. AC~	MAX. DC=		
L 3 6	1 2 E T	12,7	25	0	10	10	35	1
L 3 6	1 2 F G	12,7	25	0	10	10	40	1
L 3 6	1 8 H I	18	25	0	10	10	87	1,4
L 3 6	2 5 L M	25	25	0	10	10	140	1,9

a Body material	b Port size	c Seals material	d Protection class
T Brass. N nickel-plated brass I Stainless steel *	E 3/8" GAS F 1/2" GAS H 3/4" GAS L 1" GAS T 3/8" NPT G 1/2" NPT I 3/4" NPT M 1" NPT	0 Buna N 1 FPM 3 RULON 6 EPDM	B Ex-d IIB C Ex-d IIC

* available only for 1/2" and 3/4" valve.

Rev.W3- IT 2018

Le caratteristiche possono subire variazioni senza preavviso / Characteristics may change without notice.