

DESCRIPTION

DIMENSIONS mm



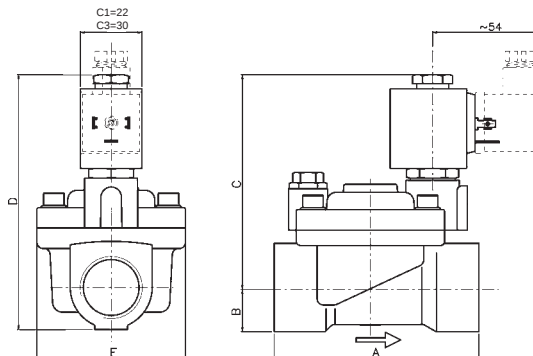
Two way normally open servoassisted diaphragm solenoid valve.

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

Adjustable valve closing regulator to reduce water hammer available for size 1"¼, 1"½ and 2".

Forged brass body and cover.
Brass guide tube.
Stainless steel internal parts.
Stainless steel springs.

Solenoid can be rotated 360°.
Valve will operate in any position, preferably with vertical coil upwards.



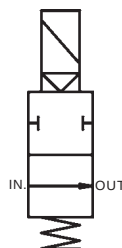
PORT SIZE	DIMENSIONS IN millimeters (mm)				
	A	B	C	D	E
3/8"	64	14	87	101	45
1/2"	64	14	87	101	45
3/4"	82	17	96	113	55
1"	100	20	103	123	70
1"¼	134	28	110	138	98
1"½	134	28	110	138	98
2"	152	35	121	156	120

ELETTRICAL INFORMATION

OPERATION

Continuous duty glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650 plug (2 poles+ground) or faston wire terminal. Two cables available on request.

Coil type: C1 / C3
Insulation class: F (155°C), H (180°C) on request.
Winding wire class: H (180°C)
Protection class: Waterproof IP-65 (norme EN60529) when properly plug connected when DIN-43650 plug.
Duty: Continuous (S.I.) 100% ED
Power consumption: C1 Alternate Current 8VA (inrush 12VA)
Direct Current 5,5W
C3 Alternate Current 13VA (inrush 20VA)
Direct Current 8W
Voltage tolerance: a.c. +10% ÷ -15%, d.c. +10% ÷ -5%
Electrical Insulation: >500 MOhm
Dielectric Strength: >2000 V/1"
Standard voltage: d.c. 12, 24 Volt
a.c. 24, 110, 230 Volt (50/60 Hz)
other voltages available on request.



Normally open

In :
Out :
Coil de-energised : IN to OUT
Coil energised : IN and OUT close.

SPECIFICATIONS AND AVAILABLE OPTIONS

MODEL							ORIFICE mm	PRESSURES IN BAR							Flow factor kv (l/min.)	WEIGHT Kg.
								BODY RATING	MIN./MAX. DIFFERENTIAL PRESSURE			Coil TYPE	POWER			
MIN.	MAX. NORM. CLOSED		VA AC~ inrush	W DC=												
	AC~	DC=														
a	b	c	d	e	f											
	N 03 D	13				12,7	25	0,15	16	10	C1	12	8	5,5	35	0,49
	N 03 E	13				12,7	25	0,15	16	10	C1	12	8	5,5	40	0,47
	N 03 F	19				19	25	0,15	12	10	C1	12	8	5,5	90	0,74
	N 03 G	25				25	25	0,15	9	5	C1	12	8	5,5	176	1,20
	N 03 H	37				37	20	0,15	10	10	C3	20	13	8	300	3,05
	N 03 I	37				37	20	0,15	10	10	C3	20	13	8	350	2,70
	N 03 L	50				50	20	0,15	10	10	C3	20	13	8	600	4,61

a Construction	b Valve type	c Port size	d Seals material	e Body material	f Optional feature
A AC C DC	N 2 way N.O.	D 3/8" GAS N 3/8" NPT E 1/2" GAS O 1/2" NPT F 3/4" GAS Q 3/4" NPT G 1" GAS R 1" NPT H 1"¼ GAS I 1"½ GAS I 1"½ NPT L 2" GAS V 2" NPT NPT port available only on request	B NBR V VITON E EPDM W EPM WT PX * * KTW certified for food	T Brass N Nickel-plated brass	SG Clean for oxigene

Rev.ENG-00/2012 - Le caratteristiche possono subire variazioni senza preavviso. / Characteristics may change without notice.