

Solenoid valves for large flow capacity,  
suitable for water, air, oil, inert gases and other  
fluids non-corrosive for copper alloys, with  
viscosity up to 2° Engler

**NORMALLY  
OPEN**



## OPERATION AND INSTALLATION

2 way valve, normally-open

Servo-assisted membrane actuator

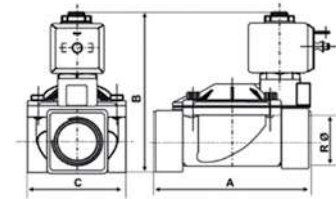
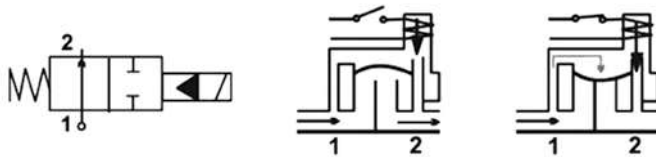
Female end connections, size G 3/8" to 2"

Media enters the space above and under the membrane

When the coil is energized, the pilot plug closes and the upstream media enters the space above the membrane, pressing it against the seat, preventing the flow

N.B. minimum differential pressure : 0.1 bar is necessary for valve to open and close correctly

Valve should be mounted in an upright position to operate correctly



## ELECTRICAL SPECIFICATIONS

Closing time : 10 msec.

Press-forged brass body

Internal parts in stainless steel ( 17 % CR )

Gaskets in NBR ( buna N )

Type	A	B	C
29C	69	92.5	40
29D	72	94.5	40
29E	100	100	65
29F	104	105.5	65
29G	145	127	102
29H	145	127	102
29I	173	141	118

Dimensions and weights are inclusive of coil

## MAGNETS

See Coils page for voltage selection and technical data

TYPE	Through bore dia. Ø mm	Female connection BSP	Kv m³/h	Shut down time with 1 bar DP sec	Minimum differential pressure bar	Maximum differential pressure bar	Test pressure (DIN2401) PN bar	Working Temperature °C	Unit Weight Kg
29C	13	3/8"	3	1	0.1	20	25	-10 to 90	0.56
29D	13	1/2"	3	1	0.1	20	25	-10 to 90	0.59
29E	20	3/4"	8.4	1.5	0.1	20	25	-10 to 90	1.05
29F	25	1"	9.6	1.5	0.1	20	25	-10 to 90	1.11
29G	35	1 1/4"	25.2	2.5	0.1	10	16	-10 to 90	3.12
29H	40	1 1/2"	30	3	0.1	10	16	-10 to 90	2.87
29I	50	2"	37.2	3.5	0.1	10	16	-10 to 90	4.26

Kv = water flow in m³/h with pressure drop of 1 bar (1 bar = 100kPa)