

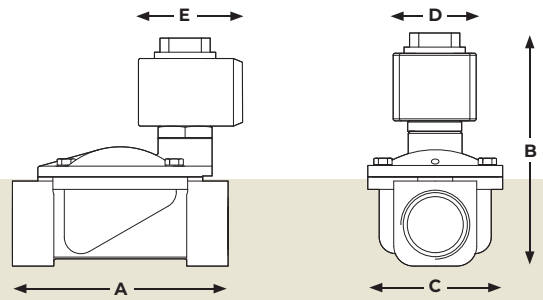
VALVE BODIES | SERVO-ASSISTED DIAPHRAM - NORMALLY CLOSED

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.



OPERATION AND INSTALLATION

- > 2 way valve, normally-closed
- > Servo-assisted membrane actuator
- > Female end connections, size 3/8" to 2" BSP
- > Upstream media enters the space above the membrane, pressing it against the seat, preventing the flow. When the coil is energized, the pilot plug opens discharging the flow, therefore the media lifts the membrane disc allowing 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.

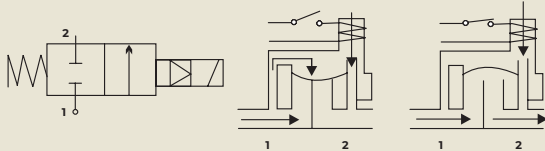


23C	A = 69	B = 92.5	C = 40	D = 40	E = 78
23D	A = 72	B = 94.5	C = 40	D = 40	E = 78
23E	A = 100	B = 100	C = 65	D = 40	E = 78
23F	A = 104	B = 105.5	C = 65	D = 40	E = 78
23G	A = 145	B = 127	C = 102	D = 40	E = 78
23H	A = 145	B = 127	C = 102	D = 40	E = 78
23I	A = 173	B = 141	C = 118	D = 40	E = 78

All figures are in mm

ELECTRICAL SPECIFICATIONS

- > Closing time: 10 msec.
- > Press-forged brass body
- > Internal parts in stainless steel (17% CR)
- > Gaskets in NBR (Buna N)
- > Diaphragm in fluorin-rubber
- > With DC coil indicated pressure values must be reduced by 60%



MAGNETS

Actuator Coils are supplied separately. For voltage selection and technical data see Coils for bodies on [our website](#).

TECHNICAL SPECIFICATIONS

TYPE	Through Bore Diameter	Female Connection	Kv	Shutdown time with 1 bar Differential Pressure	Minimum Differential Pressure	Maximum Differential Pressure	Maximum Differential Pressure	Working Temperature	Unit Weight
	mm	BSP	m ³ /h	sec	bar	bar	bar	°C	Kg
23C	13	3/8"	3.0	1	0.1	20	25	-10 to 90	0.55
23D	13	1/2"	3.0	1	0.1	20	25	-10 to 90	0.58
23E	20	3/4"	8.4	1.5	0.1	20	25	-10 to 90	1.02
23F	25	1"	9.6	1.5	0.1	20	25	-10 to 90	1.10
23G	35	1 1/4"	25.2	2.5	0.1	10	16	-10 to 90	3.15
23H	40	1 1/2"	30.0	3	0.1	10	16	-10 to 90	2.90
23I	50	2"	37.2	3.5	0.1	10	16	-10 to 90	4.30

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

All dimensions and weights are inclusive of coil.



Need Some Help? GET IN CONTACT:

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