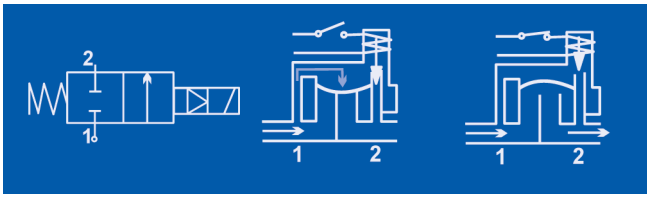
NORMALLY CLOSED VALVE BODIES SERVO-ASSISTED DIAPHRAGM

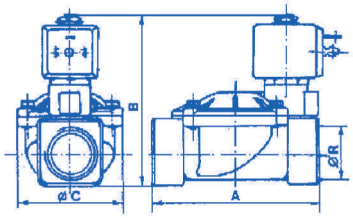
STEAM

Solenoid valves for steam and superheated water. Suitable for medium and large flow rates.

INSTALLATION AND OPERATION

> 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





TYPE	A	B	C
63C	69	92.5	40
63D	72	94.5	40
63E	100	100	65
63F	104	105.5	65
63G	145	127	102
63H	145	127	102
63I	173	141	118

Dimensions and weights are inclusive of coil

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, see Coils page for voltage selection and technical data

TYPE	Through bore dia. Ø mm	Female connection BSP	Kv m^3/h	Shut down time with 1 bar DP sec	Minimum differential pressure bar	Maximum differential pressure bar	Working Temperature °C	Unit Weight Kg
63C	13	3/8"	3	1	0.1	4	-10 to 140	0.55
63D	13	1/2"	3	1	0.1	4	-10 to 140	0.58
63E	20	3/4"	8.4	1.5	0.1	4	-10 to 140	1.02
63F	25	1"	9.6	1.5	0.1	4	-10 to 140	1.10
63G	35	1 1/4"	25.2	2.5	0.1	4	-10 to 140	3.15
63H	40	1 1/2"	30	3	0.1	4	-10 to 140	2.90
63I	50	2"	37.2	3.5	0.1	4	-10 to 140	4.3

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