

EDCO CONCENTRIC VALVES

Technical Data

Fluid pressure : Max 1.0MPa (145psi)

Control pressure : 0.3 — 0.8MPa (43.5 — 116psi)

Control fluid : Neutral gas, air

Body material : CF8M / CF8

Seals material : EPDM / FKM (VITON)

Applicable Fluid : FKM— Suitable for most fluids, except for steam.

EPDM— Suitable for steam and hot water, unsuitable for oils, greases, fuels etc.

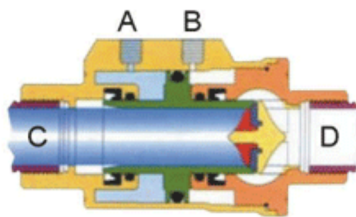
Fluid temperature : -20°C — +150°C

Ambient temperature : -20°C — +80°C

Control type : Normally closed, Normally open, Double acting

Connection : Threaded (BSP, NPT)

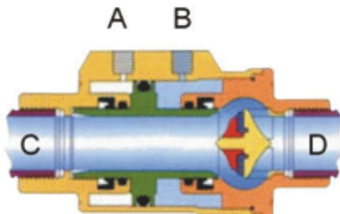
Open/Close



CLOSED VALVE

Supplying the hole "A" with air (the hole "B" must be discharging) at the end of its stroke the piston presses on the seat seal: the valve is closed.

As in Spring Return N.C. executions the spring is in "A", if there is no control, the piston will touch the seat seal: therefore, the preferable position is the closed one.

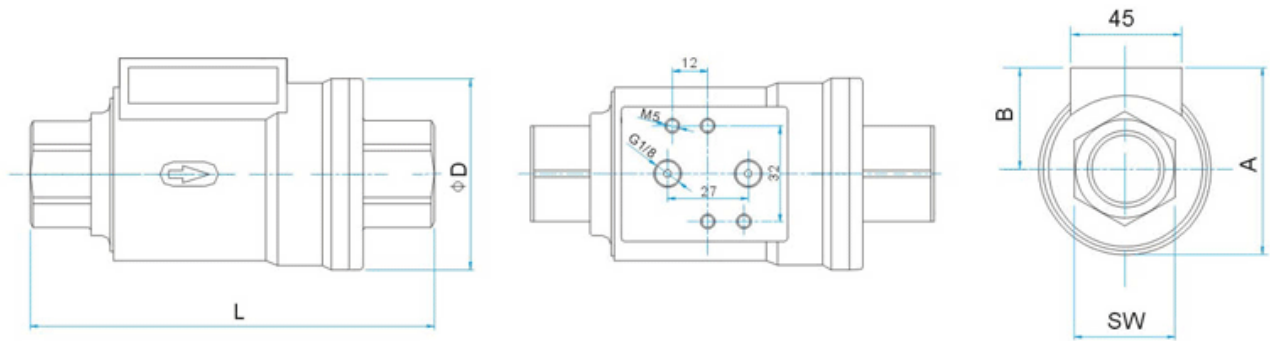


OPENED VALVE

Supplying the hole "B" with air (the hole "A" must be discharging) at the end of its stroke the piston is at maximum distance from the seat seal: the valve is open.

As in Spring Return N.O. executions the spring is in "B", if there is no control, the piston will be away from the seat seal: therefore, the preferable position is the open one.

Dimension for 200 Series



Size	DN10	DN15	DN20	DN25	DN32	DN40	DN50
Thread End	3/8"	1/2"	3/4"	1"	1 1/4 "	1 1/2 "	2"
A (mm)	54	59	70	76	92	102	114
D (mm)	46	52	64	69	86	96	108
SW (mm)	22	26.5	32	41	50	56	70
B (mm)	31	33	38	41	49	54	60
L (mm)	98	112	135	143	165	180	207
Kg	0.80	1.00	1.50	1.92	3.06	3.76	5.71

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