

Pneumatic Actuator Operated 3 Way Ball Valve

"Apollo" Offers investment casting Cast Steel / CF8 / CF8M / CF3M ball valve in three way & four way design with flow direction in 'L' Port / 'T' Port / 'X' Port with on-off and modulating type manual, pneumatic and motorized operation.

Size Range : 1/2" to 4" Screwed / Flange / Triclover / Socket weld

Actuator

Type	Rack and Pinion Type
Actuation	Double Acting / Single Acting (Spring Return)
Mounting Std.	ISO 5211 An International Standard
Pneumatic Connections	NAMUR Standard

Valve

Body	ASTM A351 Gr. CF8M / ASTM A216 Gr. WCB / C.I.
Ball	ASTM A351 Gr. CF8 / CF8M
Stem	Stainless Steel AISI 304 / AISI 316
Gland	Stainless Steel AISI 304 / AISI 316
Seat Packing	PTFE (Gland Filled, Carbon Filled, Teflon - Optional in case of high Temperature)
End Connection	Screwed to - BSP / NPT Flanged to ASME B16.5 Class 150 / 300 Triclover Ends - (On Request) Socket Weld - (On Request)

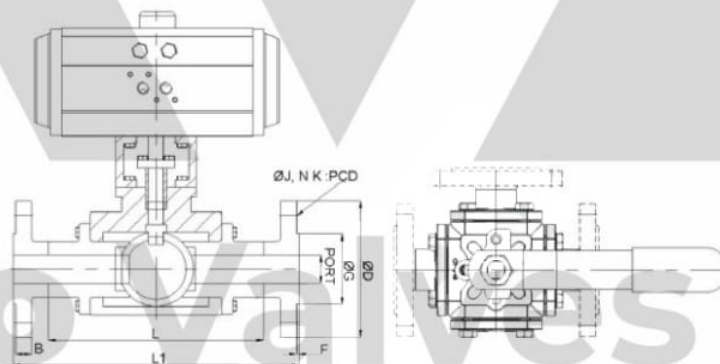
Item	Type of Test	Hydro Testing Pressure	Working Pressure	Operating Temperature (high Temp. On Request)
Actuator	Pneumatic Bubble Test	180 PSIG	45 to 150 PSIG	-20°C to 80°C
Valve Body Screwed End	Hydraulic	435 PSIG	335 PSIG	Max. 180°C
Valve Body Flange 150#	Hydraulic	435 PSIG	335 PSIG	Max. 180°C

DIMENSIONS :

SIZE	L1	L	B	F	PORT	ØG	ØD	ØJ	N	K.PCD
15MM	151	104	8	2	13	34.9	90	15.9	4	60.3
20MM	165	112	8.9	2	19	42.9	100	15.9	4	69.9
25MM	192	130	9.6	2	25	50.8	110	15.9	4	79.4
32MM	211	141	11.2	2	32	63.5	115	15.9	4	88.9
40MM	218	161	12.7	2	38	73	125	15.9	4	98.4
50MM	253	192	14.3	2	49	92.1	150	19.05	4	120.7
65MM	295	297	15.9	2	62	104.8	180	19.05	4	139.7
80MM	296	320	17.5	2	74	127	190	19.05	4	152.4
100MM	371	368	22.3	2	100	157.2	230	19.05	8	190.5

All Dimensions are in mm

Note: Above dimensions for Double Acting Actuator operated Valves.



FLOW PATTERNS

