

Pneumatic Actuator Operated Ball Valve

"Apollo" Offers investment casting Cast Steel / CF8 / CF8M / CF3M ball valve in two piece and three piece design with on-off and modulating type manual, pneumatic and motorized operation.

Size Range : 1/2" to 20"

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 A216 Gr. WCB / ASTM A351 Gr. CF8 / CF8M
Ball	ASTM A351 Gr. CF8 / CF8M
Stem	Stainless Steel AISI 304 / AISI 316 / AISI 410
Gland	Stainless Steel AISI 304 / AISI 316 / M.S.
Seat Packing	PTFE (Gland Filled, Carbon Filled, Teflon - Optional in case of high Temperature)
End Connection	Screwed to - BSP / NPT / Socket Weld Ends to ANSI B 16.11 Flange to - ANSI B 16.5 Class 150/300 Table - D,E,F, (On Request) Triclover Ends - (On Request) Socket Weld - (On Request)
Design Std.	BS EN ISO 17292
Testing Std.	API 598 / BS 6755

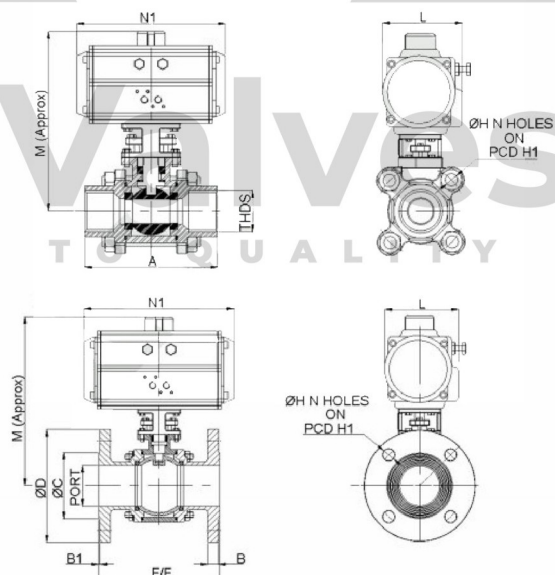
Item	Type of Test	Hydro Testing Pressure	Working Pressure	Operating Temperature (high Temp. On Request)
Actuator	Pneumatic Bubble Test	180 PSIG	45 to 150 PSIG	-20°C to 80°C
Valve Body Screwed End	Hydraulic	435 PSIG	335 PSIG	Max.180°C
Valve Body Flange 150#	Hydraulic	435 PSIG	335 PSIG	Max.180°C
Valve Body Flange 300#	Hydraulic	1130 PSIG	840 PSIG	Max.180°C

DIMENSIONS :

SIZE	A	THDS. BSP	ØH	H1	N	L	P	M	Approx Weight
MM	IN.								
15	1/2"	68	1/2"	8	42.5	4	65	140	1.160
20	3/4"	72	3/4"	8.5	53	4	65	140	1.620
25	1"	84	1"	9	59	4	73	170	1.920
40	1 1/2"	119	1 1/2"	11	87.5	4	73	170	4.070
50	2"	130	2"	10	103	4	85	216	4.970

SIZE	B	B1	C	D	PORT	H	H1	N	F/F	L	M	N1	Approx Weight
MM	IN.												
15	1/2"	10.5	1.5	35	89	12.5	15.5	60	4	108	65	160	2.250
20	3/4"	10.5	1.5	43	98.5	18	16	70	4	117	65	160	2.900
25	1"	12	1.5	51	108	25	16	79.5	4	127	73	180	4.050
40	1 1/2"	14	1.5	73	127	37	16	98.5	4	165	73	190	5.900
50	2"	16	1.5	92	152	50	19	120	4	178	85	210	9.200
65	2 1/2"	17.5	1.5	105	178	64	19	140	4	190.5	94	242	13.850
80	3"	21	1.5	127	190.5	75	19	152	4	203	105.5	260	21.450
100	4"	23.5	1.5	157	228.5	98	19	190	8	228	122	310	27.900

Note: Above dimensions for Double Acting Actuator operated Valves.



Apollo Valves

www.apolloindiavalves.com