

Pneumatic Rotary Actuator Operated 3 Pcs Ball Valve

Pneutork offers ISO 5211 Standard pneumatic actuator operated investment casting WCB/CF8/CF8M ball valve in three piece design. Engineering for multiple ON/OFF operations in the down stream.

► **Size Range · ½" to 8" (15MM TO 200MM)**

► **Standard**

Design and Manufacturer: ASME B 16.34
 Valve Face to Face Dimension: ASME B 16.10
 Flange standard Conformity: ASME B 16.5 Class 150#, 300#
 Inspection & Testing: API 598

Item	Type of Test	Testing Pressure	Working Pressure	Operating Temperature High temp. On Request)
Actuator	Pneumatic Bubble Test	115 PSIG	60 TO 115 PSIG	-20°C TO 80°C
Valve body Screwed	Hydraulic	450 PSIG	315 PSIG	Max. 180°C
Valve body Flanged 150#	Hydraulic	450 PSIG	315 PSIG	MAX. 180°C
Valve body Flanged 300#	Hydraulic	1125 PSIG	815 PSIG	Max. 180°C

Note : Fire Safe Design Available

► **Accessories**

- » On/Off Actuator
- » NAMUR Standard solenoid valve in all standard coil voltage
- » Pneumatic & Electro pneumatic valve positioner.
(Flame proof solenoid coil on request)
- » Declutchable Manual Over ride
- » Limit Switch for on/off indication at panel board.
- » Air filter + Regulator combination with pressure Gauge
- » Air Lock Valve

No.	Description	Material
1	Body	WCB / S.S. 304 / S.S. 316
2	End Connector	WCB / S.S. 304 / S.S. 316
3	Ball	S.S. 304 / S.S. 316
4	Ball Seat	PTFE / CFT / GFT
5	Stem Pin	AISI 410 / S.S. 304 / S.S. 316
6	Gland With Bush	S.S. 304
7	Stem Seat	PTFE / CFT / GFT
8	Stud & Nut	M.S. / S.S.
9	Pneumatic Actuator	Standard

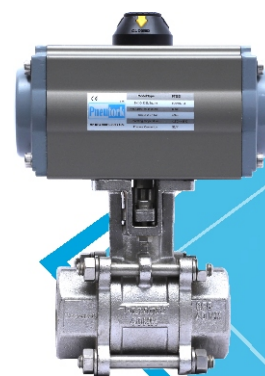
► **Dimension in mm**

FLANGED END 150#

Valve Size	Port	Screwed L	L1	ØD	b	Øg	f	ØJ	f	PCD
Tolerance	±1mm	±3mm	±3mm	±2mm	±2mm	±1mm				±1.5mm
15MM 1/2"	13	64	108	90	8	34.9	2	15.9	4	60.3
20MM 3/4"	19	70	117	100	8.9	42.9	2	15.9	4	69.9
25MM 1"	25	88	127	110	9.6	50.8	2	15.9	4	79.4
32MM 1.1/4"	32	105	140	115	11.2	63.5	2	15.9	4	88.9
40MM 1.1/2"	38	114	165	125	12.7	73	2	15.9	4	98.4
50MM 2"	49	130	178	150	14.3	92.1	2	19.05	4	120.7
65MM 2.1/2"	62	170	190	180	15.9	104.8	2	19.05	4	139.7
80MM 3"	74	200	203	190	17.5	127	2	19.05	4	152.4
100MM 4"	100	210	229	230	22.3	157.2	2	19.05	8	190.5
125MM 5"	125		254	255	22.3	185.7	2	22.2	8	215.9
150MM 6"	150		267	280	23.9	215.9	2	22.2	8	241.3
200MM 8"	201		292	345	27	269.9	2	22.2	8	298.5

FLANGED END 300#

Valve Size	Port	L	ØD	b	Øg	f	ØJ	f	PCD
Tolerance	±1mm	±3mm	±2mm	±2mm	±1mm				±1.5mm
15MM 1/2"	13	140	95	12.7	34.9	2	15.9	4	66.7
20MM 3/4"	19	152	115	14.3	42.9	2	19.05	4	82.6
25MM 1"	25	165	125	15.9	50.8	2	19.05	4	88.9
32MM 1.1/4"	32	178	135	17.5	63.5	2	19.05	4	98.4
40MM 1.1/2"	38	190	155	19.1	73	2	22.2	4	114.3
50MM 2"	49	216	165	20.7	92.1	2	19.05	8	127
65MM 2.1/2"	62	241	190	23.9	104.8	2	22.2	8	149.2
80MM 3"	74	282	210	27	127	2	22.2	8	168.3
100MM 4"	100	305	255	30.2	157.2	2	22.2	8	200
125MM 5"	125	381	280	33.4	185.7	2	22.2	8	235
150MM 6"	150	403	320	35	215.9	2	22.2	12	269.9
200MM 8"	201	419	380	39.7	269.9	2	25.4	12	330.2



Fire Safe Design Available

