

"aira" offers ISO 5211 Standard Pneumatic Actuator Operated Investment Casting WCB / CF8 / CF8M / Ball Valve in Three Piece design. engineered for multiple ON/OFF operations in the down steam.

Size Range : 1/2" to 14" Screwed / Flanged / 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

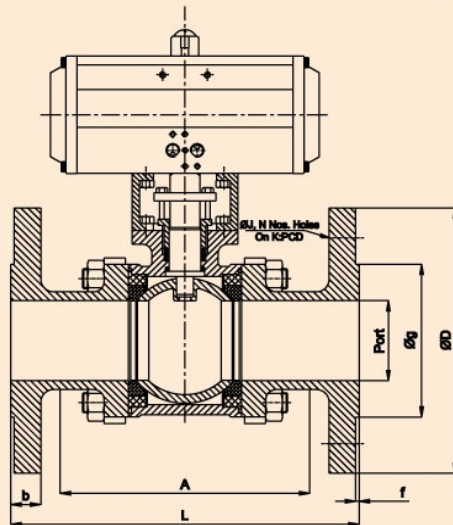
Technical Specifications :

For more details please refer Catalogue APL/1076

Ball 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 Flanged to - ANSI B 16.5 Class 150 / 300 Table - D,E,F, (On Request) Triclover Ends - (On Request) Socket Weld - (On Request)

Technical Specifications :



Item	Type of Test	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	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 on Request

Accessories :

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - on request)
- I/P Transducer (Converter)
- Pneumatic valve positioner
- Electro-Pneumatic valve positioner
- Declutchable Manual Over - ride
- Limit Switches for On / Off Indication at Panel board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

(All Dimensions are in mm)

Dimensions :

Valve Model	Valve Size		Screwed		Flanged 150#										Flanged 300#									
	MM	Inch	A	Weight	L	b	f	Port	g	D	J	N	K:PCD	Weight	L	b	f	Port	g	D	J	N	K:PCD	
BMW - 15	15	1/2"	68	1.160	107.95	9.65	1.6	12.5	35.05	88.9	15.75	4	60.45	1.960	139.7	14.22	1.6	12.5	35.05	98.25	15.75	4	66.55	
BMW - 20	20	3/4"	72	1.620	117.35	10.41	1.6	17	42.95	98.56	15.75	4	69.85	2.720	152.4	15.75	1.6	17	42.95	117.35	19.05	4	82.55	
BMW - 25	25	1"	84	1.920	127.0	11.17	1.6	24	50.8	107.9	15.75	4	79.25	3.170	165.1	17.53	1.6	24	50.8	123.95	19.05	4	88.9	
BMW - 32	32	1.1/4"	107	3.470	139.7	12.70	1.6	30	63.5	117.34	15.75	4	88.9	5.150	177.8	19.05	1.6	30	63.5	133.45	19.05	4	98.55	
BMW - 40	40	1.1/2"	119	4.070	165.1	14.22	1.6	37	73	127	15.75	4	98.55	6.520	190.5	20.57	1.6	37	73	155.44	22.35	4	114.3	
BMW - 50	50	2"	130	4.970	177.8	15.75	1.6	49	91.95	152.4	19.05	4	120.65	8.870	215.9	22.35	1.6	49	91.9	165.1	19.05	8	127	
BMW - 65	65	2.1/2"	155	8.600	190.5	17.53	1.6	64	104.65	177.8	19.05	4	139.7	13.550	241.3	25.4	1.6	64	104.6	190.5	22.35	8	149.35	
BMW - 80	80	3"	175	14	203.2	19.05	1.6	75	127	190.5	19.05	4	152.4	19.650	282.4	28.44	1.6	75	127	209.55	22.35	8	168.14	
BMW - 100	100	4"	210	21.900	228.6	23.88	1.6	98	157.23	228.6	19.05	8	190.4	30.750	304.8	31.75	1.6	98	157.2	254	22.35	8	200.15	
BMW - 125	125	5"	-	-	254	23.88	1.6	124	185.67	254	22.35	8	215.9	55	381	35.05	1.6	124	185.67	279.4	22.35	8	234.95	
BMW - 150	150	6"	-	-	266.8	25.4	1.6	148	216	279.4	22.35	8	241.3	65	403.3	36.75	1.6	148	216	317.5	22.35	12	269.74	
BMW - 200	200	8"	-	-	292.1	28.45	1.6	198	269.75	342.9	22.35	8	298.45	86	419.1	36.57	1.6	195	269.7	381	25.4	12	330.2	
BMW - 250	250	10"	-	-	330.2	30.23	1.6	248	323.85	406.4	25.4	12	361.95	135	547.2	41.15	1.6	248	323.8	444.5	28.44	16	387.35	
BMW - 300	300	12"	-	-	609.6	31.75	1.6	298	381	482.6	25.4	12	431.8	-	647.7	47.75	1.6	298	381	520.7	31.75	16	450.85	
BMW - 350	350	14"	-	-	685.8	35.05	1.6	335	412.75	533.4	28.45	12	476.25	-	762	50.8	1.6	335	412.75	584.2	31.75	20	514.35	