

**ISO 5211 Pneumatic Rotary Actuator Operated
Polypropylene Body
Three Piece Design Ball Valve**

"aira" offers ISO 5211 Standard Pneumatic Rotary Actuator Operated Polypropylene Body Ball Valve, engineered for multiple ON/OFF Operations in the Highly Corrosive Alkies and Acidic Media.

Size Range : 1/2" to 12" Screwed / Flanged

Actuator Technical Specifications :

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

For more details please refer Catalogue APL/1001

Ball Valve Technical Specifications :

Body	Polypropylene
Ball	Polypropylene
Stem	Carbon Steel with Nylon Rubber Coated
Seat Packing	PTFE
End Connection	Screwed to - BSP Flanged to - BS 10 Table / Table F / ANSI B16.5 150#



Item	Type of Test	Testing Pressure	Working Pressure	Operating Temperature
Actuator	Pneumatic Bubble Test	180 PSIG	45 To 150 PSIG	-20 °C to 80 °C High Temp on request
Valve Body Screwed End	Hydraulic	225 PSIG	165 PSIG	Max. 150 °C High Temp on request
Valve Body Flanged 125#	Hydraulic	225 PSIG	165 PSIG	Max. 150 °C High Temp on request

PVDF for Highly Acedic Media 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 Pressue Gauge
- Air Lock Valve

Dimensions : (All dimensions are in MM)

Valve Model	Valve Size		A	Flanged		
	MM	Inch		Screwed	L	b
BMW - PP - 15	15	1/2"	127	130	16.5	96
BMW - PP - 20	20	3/4"	139	132	14.5	102
BMW - PP - 25	25	1"	150	152	18.5	121
BMW - PP - 32	32	1.1/4"	172	162	18	124
BMW - PP - 40	40	1.1/2"	172	170	18.5	140
BMW - PP - 50	50	2"	209	209	22.5	165
BMW - PP - 65	65	2.1/2"	248	230	22.5	184
BMW - PP - 80	80	3"	250	254	24	203
BMW - PP - 100	100	4"	-	310	27	229
BMW - PP - 150	150	6"	-	477	28	305
BMW - PP - 200	200	8"	-	477	30	368
BMW - PP - 250	250	10"	-	560	31	432
BMW - PP - 300	300	12"	-	560	31	489

