

ISO 5211 Pneumatic Actuator Operated

Body : Cast Iron / WCB, Disc : S.S. / S.G. Iron
PTFE Lined Butterfly Valve

"aira" offers ISO 5211 Standard Pneumatic Rotary Actuator Operated Butterfly Valve, engineered for optimum Solution to the Corrosive Application.

Size Range : 1.1/2" To 16"

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 Standards

Butterfly Valve

For more details please refer Catalogue APL/1001

Body	CI (IS 210 Gr. FG 200 / 220) / Cast Steel (W C B)
Disc	CF8 / CF8M / CF3M / SGI / Teflon Coated / Nylon Coated / Power Coated
Seat	PTFE Teflon
Shaft	AISI 410
Valve Type	Centric Disc Butterfly Valve with a PTFE Lined Body
Body Type	Short wafer (sandwiched between flanges) Two Pieces
Seat Type	Lined with the Body
End Connection	Wafer Sandwiched (Lug Type On Request)
Pressure Rating	PN 10 / PN 16 (On Request)
Oper. Temp. Range	-25 °C to 200 °C (depending on MOC)
Seat Leakage	Tight shut off

**Standards :**

Design and manufacturing	: API 609 category A/BS 5155/ MSS SP-67 / C-504
Valve face to face dimensions	: Short wafer as per ISO 5752 Tab 5 / API 609 Category A
Top flange drilling	: ISO 5211 Part II
Inspection and testing	: API 598 / BS 6755 / FCI -702
Flange standard conformity	: ANSI 150, DIN PN6 / 16

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
- Dec clutchable Manual Over - ride
- Limit Switches for On / Off Indication at Panel board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

Dimensions :

(All dimensions are in MM)

Valve Size		A	B	C	ØD	Weight (Approx)
MM	Inch					
50mm	2	70.5	114	37.5	50	5.00
65mm	2 1/2	80	121	40.2	65	6.00
80mm	3	84.5	129	40.5	80	9.00
100mm	4	100.5	145	46.5	100	12.00
125mm	5	113.5	163	50.3	125	15.00
150mm	6	132.5	175	50.3	150	20.00
200mm	8	163	198	54.5	200	25.00
250mm	10	203	245	61	241	30.00
300mm	12	208	250	72.2	287.8	60.00
350 mm	14	On Request				
400 mm	16	303	350	102	383.2	100.00

Item	Type of Test	Testing Pressure	Working Pressure	Operating Temperature (High)
Actuator	Pneumatic Bubble Test	180 PSIG	45 To 150 PSIG	-20 °C to 80 °C (High Temp on request)
Valve Body	Hydraulic	225 PSIG	150 PSIG	Max. 200 °C
Seat	Hydraulic	150 PSIG	150 PSIG	Max. 200 °C
Seat	Pneumatic	105 PSIG	150 PSIG	Max. 200 °C

