

ISO 5211 Pneumatic Actuator Operated Cast Iron Body S/S Disc Butterfly Valve

"aira" offers ISO 5211 Standard Pneumatic Rotary Actuator Operated Butterfly Valve, engineered for multiple ON/OFF operations in the larger pipe lines and full flow down streams.

Size Range : 1.1/2" To 24"

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 / Power Coated / Nylon coated
Seat	EPDM / Nitrile / Teflon / Viton / Hayplono
Shaft	AISI 410
Valve Type	Centric Disc Butterfly Valve with a single piece rubber lined body
Body Type	Short wafer (sandwiched between flanges)
Seat Type	Integrally moulded with the body
End Connection	Wafer Sandwiched (Lug Type On Request)
Pressure rating	PN 10 / PN 16 (On Request)
Seat leakage	Tight shut off

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
- Decutchable 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 Model	Valve Size		C	ØD	Weight (Approx.) NBR / EPDM
	MM	Inch			
ECO-CI-40	40	1.1/2	33	40	3
ECO-CI-50	50	2	43	50	3.25
ECO-CI-65	65	2.1/2	46	65	5
ECO-CI-80	80	3	46	80	5.25
ECO-CI-100	100	4	57	100	6.5
ECO-CI-125	125	5	56	125	10.6
ECO-CI-150	150	6	56	150	11.5
ECO-CI-200	200	8	60	200	20
ECO-CI-250	250	10	60	241	36
ECO-CI-300	300	12	68	290	45
ECO-CI-350	350	14	78	334	60
ECO-CI-400	400	16	82	382	85
ECO-CI-450	450	18	114	433	112
ECO-CI-500	500	20	127	476	160
ECO-CI-550	550	22	140	448	175
ECO-CI-600	600	24	154	590	250

Actuator is as per ISO 5211 and Butterfly Valve will be  marked on request.



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
- Flange standard conformity : ANSI 150, DIN PN6 / 10, JIS 5K / 10K / BS 10 Tab D & E, IS 6392 NP 0.6 / 1.0

Item	Type of Test	Testing Pressure	Working Pressure	Operating Temperature (Normal)	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. 80 °C	High Temp. On request
Seat	Hydraulic	150 PSIG	150 PSIG	Max. 80 °C	High Temp. On request

