

Rubber Lined Wafer Type Butterfly Valve



"aira" Offers Resilient-seated, butterfly valve for flange mounting to pipelines; concentric disc design; with replaceable liner. Suitable for use in cooling towers, waste-water applications, water treatment, water distribution, dams, gas main and service lines, pressure stations, gas storage tanks, power plants and gas pipelines industry.

Size Range : 1.1/2" to 48" (40 MM to 1200 MM)

Butterfly Valve Specification

Valve Type	Centric Disc Butterfly Valve with Single Piece Rubber Lined Body
Body Type	Short Wafer Type
Seat Type	Integrally Molded with The Body (Renewable Seat On Request) Upto 24"
End Connection	Wafer Type Suit 150#, Table 'D', Table 'E' & IS 6392 Table 11 (PN 10 / PN 16)
Pressure Rating	PN 10 / PN 16
Oper. Temp. Range	-20 °C to 80 °C For Nitrile Seat (Depending On MOC)
Seat Leakage	Tight Shut Off

Accessories

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - On Request)
- Pneumatic & 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

Item	Type Of Test	Testing Pressure	Temperature	
			Normal	High
Actuator	Pneumatic Bubble Test	8 Kg/cm ²	-20 °C to 80 °C	High Temp. On Request
Valve Body	Hydraulic	15 Kg/cm ²	Max. 80 °C	High Temp. On Request
Seat	Hydraulic	10 Kg/cm ²	Max. 80 °C	High Temp. On Request

Standard

- Design And Manufacturer : API 609 category A / IS : 13095 / BS EN 593
- Valve Face To Face Dimension : Short Wafer As Per ISO 5752 TAB 5 / API 609 Category A ISO 5752 TAB 1 / BS EN - 593 / BS EN - 558
- Flange Standard Conformity : ASME B16.5 / 16.47 Series A Class 150,
- Inspection & Testing : API 598 / BS EN 12266 - 1
- Top Flange Drilling : ISO 5211

Equipped in - house State - of - art rubber lining machine for butterfly valve upto 72".

Size Range : Upto 1.1/2" to 3" (40 MM to 80 MM)

Sr. No.	Description	Material
1	Body	ASTM - A 126 Grade B (Gray Iron)
		ASTM - A 216 Grade WCB (Cast Steel)
		ASTM - A 536 Grade 65-45-12 (Ductile Iron)
		ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN
2	Disc	ASTM - A 126 Grade B (Gray Iron) + Powder Coated
		ASTM - A 216 Grade WCB (Cast Steel) + Powder Coated
		ASTM - A 536 Grade 65-45-12 (Ductile Iron) + Powder Coated
		ASTM - A 351 Grade CF8 / CF8M / CF3M / CD4MCuN S.G.Iron with PTFE / Powder / Nylon Coated & Rubber Line
3	Seat	Nitrile / EPDM / Viton / Hypelon / Neopren
4	Shaft	AISI 410 / AISI 304 / AISI 316 / AISI 316L
5	Bearing Bush	Metal Bush PTFE Coated
6	Bush	Delrin
7	'O' Ring	Nitrile / EPDM / Viton / Hypelon / Neopren
8	Actuator	STD.

Dimensions :

Valve Model	Size		Port ±5MM	C ±2MM	ØD** ±5MM	Weight Approx. Kgs.
	Inch	MM				
ECO - IC - 40	1.1/2"	40	40	34	80	3
ECO - IC - 50	2"	50	50	44	95	3.25
ECO - IC - 65	2.1/2"	65	65	46	108	5
ECO - IC - 80	3"	80	80	46	124	5.25

(All Dimensions are in mm)

