



PERFECT  
ENGINEERING  
SERVICES

## CYLINDER OPERATED BUTTERFLY VALVE



Perfect Engineering Services 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.

## TECHNICAL SPECIFICATIONS

Design & manufacturing	IS 13095 / BS EN 593
Valve face to face dimensions	Short Wafer As per ISO 5752 Tab 5/ ISO 5752 Tab 1 (BS 5155)
Flange standard conformity	As Per ASME B 16.5 150#
Inspection & testing	BS EN 12266-1 / API 598

## TESTING DETAILS

Hydraulic test pressure	
Valve body	15 Bar (G)
Seat	11 Bar (G)
Pneumatic test pressure	07 Bar (G)

## CYLINDER SPECIFICATIONS

Barrel	Aluminium
End cover	Aluminium
Piston rod	Stainless steel
Seals	Nitrile
Air pressure	4.5 to 9 Bar

## BUTTERFLY VALVE SPECIFICATION

Pressure rating	PN 10/PN 16/PN 20
Temperature	Upto 800C (High temperature available on request)
Leakage class	Tight shut off
Mounting	It can be fitted between two flange as per ASME B16.5 150#
Valve type	Centric disc butterfly valve
Body type	Short wafer (sandwich between flanges)
Flow characteristics	On / Off type
End connection	Wafer type / Double flange

## TECHNICAL SPECIFICATIONS

Body	IS 210 GR. FG 260 Cast Iron / ASTM - A216 Gr.WCB ASTM - A 351 Gr. CFB / CF8M / CF3M / ASTM - A 536 Gr. Ductile Iron / Aluminium Duplex / Bronze
Disc	S.G. Iron / WCB / CF8 / CF8M / CF3M
Seat	Nitrile / EPDM / Vitron / Hypelon/ Neopren
Shaft	AISI 410 / AISI 304. 316, 316L
Cylinder Double Acting	Standard

\*Owing to continuous improvements, product specifications and dimensions are subject to change

### HEAD OFFICE:

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