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Double Eccentric Type Butterfly Valve

Description

Double eccentric butterfly valves, so called high performance butterfly valves, these valves are characterized by their long service time, low maintenance and reduced friction between the seal and the gasket.

Their first eccentric is the offset between the shaft Centre line and the disc trunnion Centre line. Second eccentric is the offset between the body center line and the disc centre line. This design offers excellent controllability, bubble tight shut-off and a smooth operation, plus a reduced flow resistance.

Features

- ✓ The double offset disc design ensures minimal seat wear and provides excellent throttling capabilities.
- ✓ Adjustable mechanical stopper provided on valve body ensures precise closing of the disc without over/under travel.
- ✓ Both drive end and non drive end shafts are fully blowout proof and guided by self lubricated bush bearings.
- ✓ Axial thrust bearing provided on valve ensures precise positioning of the disc and prevents unequal loading of the valve seat, it also enables installation of valve in any orientation of required.

Technical Specifications

FEATURE	VALUE
Valve type	Double offset disc double flanged Butterfly valve
Body type	Double flanged
Seat type	Fully replaceable fitted on the disc periphery
End Connection	Flanged
Size range	300 NB to 3000 NB
Operating temperature range	0C to 180C (Depending on MOC)
Pressure rating	PN 10/PN16/PN25/PN40/PN63
Seat leakage	Tight shut off
Operation	Worm gear, Pneumatic & Electric actuators