WESTAD CRYOSEAL 2X™

Double Eccentric High Performance Butterfly Valve for LNG

KEY FEATURES

- DEVELOPED FOR USE IN LNG SYSTEMS
- DOUBLE ECCENTRIC DESIGN TO REDUCE WEAR ON SEAT
- BI-DIRECTIONAL AT FULL PRESSURE RATING
- FREE ACCESS TO STUFFING BOX AND GLAND
- BONNET EXTENSION
- FIRE SAFE ACC. TO API 607

SPECIFICATIONS

Temp. range:	+200°C to -196°C
Pressure rating:	Up to 50 bar
Size range:	DN80 - 1000 (3" - 40") Other sizes on request
Services:	For tight shut-off and throttling services
End to end:	Butt welded type according to drawing Double flanged type according to ISO 5752, s.14
End connection:	ISO PN 10/16/20/25/40/50 ANSI Class 150/300

MATERIALS

BODY	DISK	SHAFT
ASTM A351 CF3M (butt welded)	ASTM A351 CF8M Stellited	AISI 316
ASTM A351 CF8M (flanged)	ASTM A351 CF8M Stellited	AISI 316
ASTM A351 CF3M (butt welded)	ASTM A351 CF8M Stellited	ASTM A638 Gr.660
ASTM A351 CF8M (flanged)	ASTM A351 CF8M Stellited	ASTM A638 Gr.660
ASTM A351 CF3M (butt welded)	ASTM A351 CF8M Stellited	Nitronic XM-19
ASTM A351 CF8M (flanged)	ASTM A351 CF8M Stellited	Nitronic XM-19

OPTIONS

SEALING MATERIAL
PTFE (Elgiloy spring energized)
Copper (Nimonic 90 spring energized)
OPERATION
Manual worm gear (AISI 316 handwheel)
Hydraulic actuator
Pneumatic actuator
Electric actuator

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