

CRYOGENIC BUTTERFLY VALVE

Cryogenic Butterfly Valve with Maintenance Port

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SPECIFICATIONS

Size	DN150 to DN2000
Pressure	PN10 to PN50
Temperature	-196°C to 120°C
Media	Liquefied Natural Gas (LNG), Liquid nitrogen, Liquid oxygen, Refrigerants, Liquid food

APPLICATIONS

- LNG process systems — flow regulation and system pressure control
- Chemical process systems — refrigerant, liquid oxygen, liquid nitrogen transport
- Air separation plants
- Food processing — liquid food delivery systems

MATERIALS

Body	low temperature steel, stainless steel, alloy steel
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FEATURES

- Deep cold treatment process applied to body materials for reliable performance at -196°C
- Lateral (side) maintenance port allows replacement of sealing components without removing valve from line
- Double eccentric butterfly plate geometry
- Multi-level metal hard sealing system achieving bidirectional zero leakage under cryogenic conditions
- Extended valve stem with anti-heat-bridge design to prevent cold energy conduction into actuator
- Long service life under ultra-low temperature conditions

OPTIONS & NOTES

- Technical Specification available as download (content not published on page)
- Actuation options not specified on page — please enquire

Install, operate and maintain in accordance with the manufacturer's manual supplied with the product.

