

CRYOGENIC CHECK VALVE

Cryogenic Swing Check Valve

REF **EFC-490** ISSUED 06 Jul 2026

SPECIFICATIONS

Size	DN15 to DN600
Pressure	PN10 / Class 150 to PN420 / Class 2500
Temperature	-196°C to 150°C
Media	LNG, LPG, natural gas, oil, gas

ACTUATION

- Manual
- Pneumatic
- Electric

STANDARDS

Design	BS 6364, ISO 28921
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APPLICATIONS

- Air separation plants
- LNG storage and transportation
- Chemical industry
- LPG service
- Long-distance oil and gas pipelines



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

MATERIALS

Body	Stainless Steel	Sealing surfaces	Hardened material, PTFE composite
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FEATURES

- Cantilevered swing disc structure for rapid response and reliable sealing
- Low-inertia disc design ensures rapid closure and reduces water hammer effects
- Valve seat and disc sealing surfaces treated with hardening or PTFE composite materials to accommodate ultra-low temperature contraction
- Optimised flow path design reduces pressure loss and risk of icing
- Compact overall structure supporting horizontal or vertical installation
- Complies with BS 6364 and ISO 28921

OPTIONS & NOTES

- NPS 1/2*~24* — asterisk notation present in source, exact meaning unspecified
- Operator options listed as: Manual, Pneumatic, Electric, etc.
- Technical Specification available as download (content not provided on page)