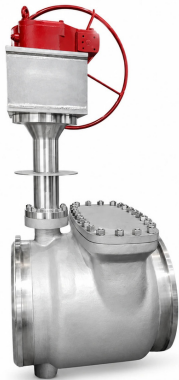


ARD-BF-002

Cryogenic butterfly valve - gear operated



Gear-operated cryogenic butterfly valves with an extended neck and welded connection arrangement. Confirm size, pressure class and design conditions for the selected configuration.

These size and pressure ranges are subject to technical confirmation. They are not verified availability or approved operating limits. Exact size, rating, materials and design temperature require written confirmation.

Product illustration. Appearance and dimensions depend on the selected configuration.

Selection	Specification
Size range	DN 50-900 / NPS 2-36
Pressure ratings	PN16-PN50 / ASME Class 150-300
Temperature	Confirm design temperature
Connections	Weld ends - confirm specification

Define your requirement

Specify medium, design pressure and temperature, nominal size, connection standard, operation, quantity and required inspection documentation.

View this product and request a quotation

This catalogue datasheet supports selection and enquiry. It is not a certified pressure-temperature curve, installation drawing or order-specific approval.

Technical specification

Parameter	Specification
Size range	DN 50-900 / NPS 2-36
Pressure ratings	PN16-PN50 / ASME Class 150-300
End connections	Weld ends · confirm specification
Operator shown	Manual gearbox with red handwheel
Construction shown	Extended neck, drip plate and bolted access cover
Temperature range	Not published for this separate reference; confirm design temperature

End connections

Illustrated arrangement: Weld-end collars are visible; exact weld preparation and standard are not published for this reference.

Connection detail	Selection requirement
Published connection	Weld-end collars shown; end preparation and standard require confirmation
Connection standard	Not specified on this product page. Confirm the mating standard with the offer.

Materials

The material schedule is confirmed for the selected body, trim, seat and seal arrangement.

Configuration features

- Extended neck with drip plate
- Manual gear operator
- Bolted access cover

Selection notes

These size and pressure ranges are subject to technical confirmation. They are not verified availability or approved operating limits. Exact size, rating, materials and design temperature require written confirmation.

The size and pressure ranges are proposed enquiry targets for this valve type. A qualified configuration, design temperature, material schedule and certified outline drawing must be confirmed before quotation or selection.

PN, ASME Class and safety-valve set pressure are separate values. Confirm allowable pressure versus temperature, material compatibility, oxygen cleaning, trapped-liquid relief and required certification for the selected assembly. Liquid hydrogen and helium service require a separate assessment.