CRYOGENIC VALVES

CRYOGENIC BALL VALVE

Long Stem | Flanged

Long-stem cryogenic ball valve with a CF8 body and flanged ends for low-temperature isolation.



Product illustration. End connections follow the selected configuration.

TECHNICAL SPECIFICATIONS

Specification	Catalogue data
Size range	DN25-DN150
Connection	Flanged
Nominal rating	PN40
Design	Long stem
Operation	double-acting pneumatic, electric actuator, hand lever, spring-return pneumatic
Family temperature*	-196°C to +80°C
Catalogue media	LNG, LOX, LN2, LAr, CO2

MATERIALS

Component	Catalogue material
Body	CF8
Ball	CF8

Catalogue options. Nominal ratings are not the allowable pressure at every temperature; confirm the selected configuration. *Documented family temperature range; confirm pressure-temperature limits and the selected trim.

DIMENSIONS & P/T

Obtain the dimensioned order drawing for the selected size, pressure class and connections.

P/T rating: confirm allowable pressure versus temperature for the selected body, seat and seals. Nominal class and temperature range do not define a P/T curve.

CONFIGURATION & SERVICE REQUIREMENTS

Specify the seat material and required manual, electric or pneumatic operation. For actuated valves, include supply voltage or air pressure, control signal and fail position.

Specify flange standard, pressure class, facing and drilling. Obtain the selected size drawing before setting the pipework.

PRODUCT INFORMATION & QUOTATIONS

nordicvalves.com/products/ball-valves/cryogenic-ball-valve-long-stem-flanged