CRYOGENIC VALVES

CRYOGENIC GATE VALVE

Flanged

Flanged cryogenic gate valve with a CF8 body for full-open or full-closed isolation.



Product illustration. End connections follow the selected configuration.

TECHNICAL SPECIFICATIONS

Specification	Catalogue data
Size range	DN50-DN300
Connection	Flanged
PN range	PN16-PN160
ASME class range	Class 150-Class 900
Operation	double-acting pneumatic, electric actuator, gearbox, hand lever, spring-return pneumatic
Temperature	Confirm limits for the selected construction
Catalogue media	LNG, LOX, LN2, LAr, CO2

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.

MATERIALS

Component	Catalogue material
Body	CF8
Disc	CF8

Catalogue options. Nominal ratings are not the allowable pressure at every temperature; confirm the selected configuration.

Nordic catalogue selection data. Detailed temperature limits, dimensions and test documentation are supplied for the selected configuration.

CONFIGURATION & SERVICE REQUIREMENTS

Select one pressure system and connection standard. PN ratings and ASME classes are separate designations; the listed ranges are not interchangeable pressure limits.

Confirm seat/seal materials, minimum design temperature, operating torque and actuator size for the selected DN and pressure class.

PRODUCT INFORMATION & QUOTATIONS

nordicvalves.com/products/gate-valves/cryogenic-gate-valve-flanged