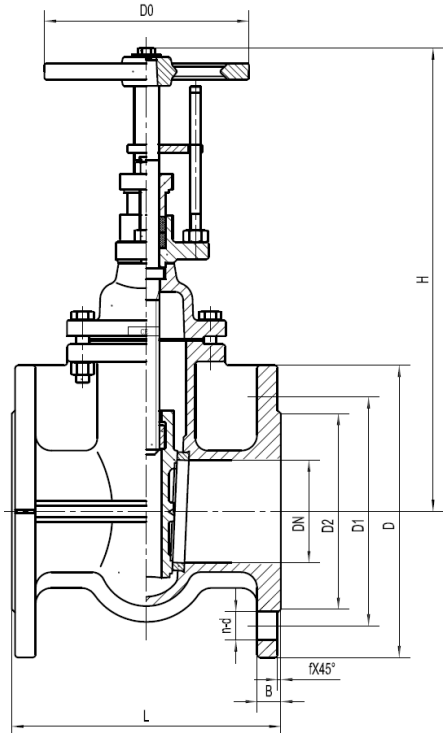
PPS

PRODUCT DATASHEET

Gate Valve

For water, steam, air, oil and light chemicals.

DUCTILE IRON • BRONZE • DN40–DN300 • PN16 up to DN200 • PN10 DN200 and larger





Technical features

- Non Rising Stem
- Bolted Bonnet, Short Type F4
- Including position indicator
- Full bore, Bi-directional flow
- Lloyds Register type Approval

Technical performance

Design: EN 1171
Flanges: EN 1092-2 – Raised face
Face to Face: EN 558
Pressure testing: EN 12266-1 RATE B
Rating: DN40–200 PN16 / DN200–300 PN10
Shell / Seat PN16: 2.4 / 1.8 MPa
Shell / Seat PN10: 1.5 / 1.1 MPa
Gas seat test: 0.6 MPa
Temperature: -10°C to +120°C
Coating: RAL5026, 150 µm

Materials

Part	Material
Body + Bonnet	EN-GJS-400-18-LT / JS1025 Ductile iron
Stem	Ms58 / CuZn39Pb3 Brass
Wedge (≤100)	RG5 Bronze
Wedge (≥125)	EN-GJS-400-18-LT / JS1025 Ductile iron
Packing	PTFE
Sealing gasket	Graphite
Seat Ring	RG5 Bronze
Indicator	Ms58 / CuZn39Pb3 Brass
Stuffing Box	EN-GJS-400-15 / JS1030 Ductile iron
Handwheel	EN-GJL-250 / Cast iron

Valve specifications

DN	PN	H (mm)	D (mm)	D1 PCD (mm)	n × d (mm)	L Face to face (mm)	Weight (kg)
40	PN16	255	150	110	4 × Ø19	140	10
50	PN16	300	165	125	4 × Ø19	150	12
65	PN16	325	185	145	4 × Ø19	170	17
80	PN16	385	200	160	8 × Ø19	180	22
100	PN16	440	220	180	8 × Ø19	190	27
125	PN16	480	250	210	8 × Ø19	200	33
150	PN16	540	285	240	8 × Ø23	210	43
200	PN16	638	340	295	12 × Ø23	230	65
200	PN10	638	340	295	8 × Ø23	230	65
250	PN10	770	390	350	12 × Ø23	250	100
300	PN10	880	445	400	12 × Ø23	270	142

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