

Cast iron Gate Valve inside screw bronze trim PN16 High Temperature with consol-flange ISO5210

Main characteristics

- Manufactured in Italy in accordance with EN 1171
- Face-to-face length according to EN 558-1, basic series 14
- Flanged according to EN 1092-2 PN10 with raised face, undrilled, PN16 or other specifications on request
- Inside screw thread clockwise closing
- Minimal pressure drop
- Hydrostatically tested according to EN 12266-1: Test type P11-P12 Rate A
- Pressure Equipment Directive 2014/68/UE Group 1
- 100% full bore
- Gate valves are bi-directional and can be installed in any position.
However, the preferred orientation is with the stem pointing vertically upwards.

Field of application

- Industrial plants
- Sea water use
- Fuel
- Aggressive fluids
- Tanks
- Shipyards

Corrosion protection

- Standard version:
externally coated with Phenolic-oil resin
with zinc-phosphate high corrosion
resistance painting Grey Ral 7011
- On request:
integrally epoxy coated
- Customized color available



Ratings

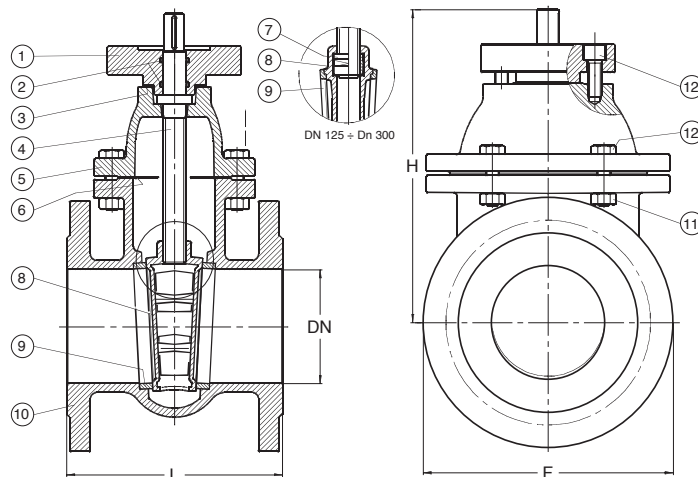
Working temperature (°C)	-10 to +120	+120 to +150
Max Working pressure (bar)	16	14

Hydrostatically tested according to EN 12266-1 (bar)

P11 Body test	P12 Seat Test water	P12 Seat test air
24	18	6

Material specification

Nr	Parts	Material	Specification
1	Consol-flange ISO5210	Carbon steel	A 105
2	O-ring	DF801 FKM 80SH	-
3	Gasket	Fasit 205	-
4	Stem	Stainless Steel X12Cr13	AISI 410
5	Bonnet	EN-GJL-250 grey cast iron	EN 1561
6	Gasket	Fasit 205	-
7	Motherscrew	Cast brass CB 754-S GM	EN 1982
8	Wedge DN 40-DN 100	Cast bronze CuSn5Zn5Pb5-B	EN 1982
8	Wedge DN 125-DN 300	EN-GJL-250 grey cast iron	EN 1561
9	Seats	Cast bronze CuSn5Zn5Pb5-B	EN 1982
10	Body	EN-GJL-250 grey cast iron	EN 1561
11	Motherscrew	CB 754-S GM	EN 1982
12	Screw	Zinc-plated 8.8 carbon steel	EN ISO 4017



Technical data

DN	40	50	65	80	100	125	150	200	250	300
F mm	150	165	185	200	220	250	285	340	405	460
L mm	140	150	170	180	190	200	210	230	250	270
H mm	185	205	229	255	285	344	385	460	539	611
Weight Kg	11	13	17	20	25	33	43	65	93	126
Turns open/close nr	10	12,5	16	20	25	25	30	40	50	60
Max torque gate closing Nm	30	30	35	35	40	45	45	60	65	70
Kvs value	107	250	430	790	1.250	1.960	2.790	2.880	4.306	6.380