

## Cast iron Gate Valve outside screw brass trim PN16 BS 5150/ANSI Class 125 with consol flange ISO 5210 F10

### Main characteristics

- Manufactured in Italy in accordance with BS 5150
- Face-to-face length according to EN 558-1, basic series 3
- Flanged according to ANSI B16.1 flat faced (EN1092-2 PN16 available)
- Outside screw thread clockwise closing
- Minimal pressure drop
- Hydrostatically tested according to EN 12266-1: Test type P11-P12
- Pressure Equipment Directive 2014/68/UE art. 13 Group 2
- 100% full bore

### Field of application

- Industrial plants
- Sewage Water
- Water treatment
- Air-conditioning systems (HVAC)
- Central heating and cooling circuits
- Non-aggressive fluids
- Tanks
- Fire sprinkler systems

### 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

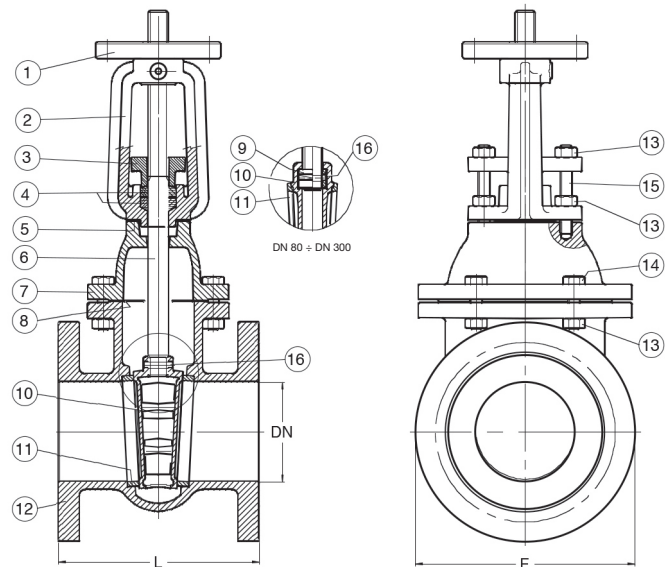
Working temperature (°C)	-10 to +120	+120 to +150
Max Working pressure (bar)	16	14

### 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 ISO 5210	Carbon steel	A105
2	Yoke	EN-GJL-250 grey cast iron	EN 1561
3	Packing gland	EN-GJL-250 grey cast iron	EN 1561
4	Packing	Ptfe	ASTM 4894
5	Gasket	Fasit 205	-
6	Stem	X12Cr13 Stainless Steel	AISI 410
7	Bonnet	EN-GJL-250 grey cast iron	EN 1561
8	Gasket	Fasit 205	-
9	Motherscrew	Carbon steel	A 105
10	Wedge DN 40-DN 65	CB 754-S GM Cast brass	EN 1982
10	Wedge DN 80- DN 300	EN-GJL-250 grey cast iron	EN 1561
11	Seat	CB 754-S GM Cast brass	EN 1982
12	Body	EN-GJL-250 grey cast iron	EN 1561
13	Nut	Zinc-plated 8.8 carbon steel	ISO 4032
14	Screw	Zinc-plated 8.8 carbon steel	EN ISO 4017
15	Tie rod	Zinc-plated 8.8 carbon steel	-
16	Pin	Carbon steel	-



### Technical data

DN	50	65	80	100	125	150	200	250	300
F mm	165	185	200	229	250	285	340	405	483
L mm	178	190	203	229	254	267	292	330	356
H mm	275	335	355	400	495	585	700	830	960
Weight Kg	13	17	23	32	43	56	89	134	181
Turns open/close nr	12,5	16	20	25	25	30	40	50	60
Max torque gate closing Nm	35	45	50	60	60	80	90	100	120
Kvs value	250	430	790	1.250	1.960	2.790	2.880	4.306	6.380

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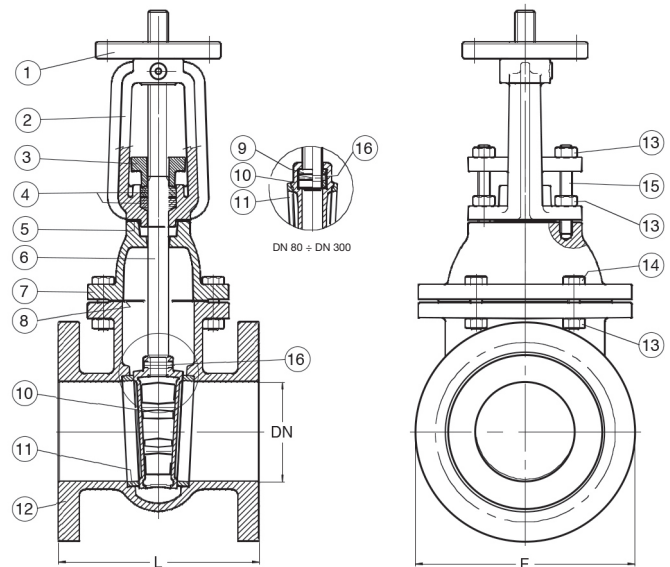
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