

Cast iron Gate Valve inside screw brass trim PN16 handwheel operated o-ring packing maintenance free High Temperature

Main characteristics

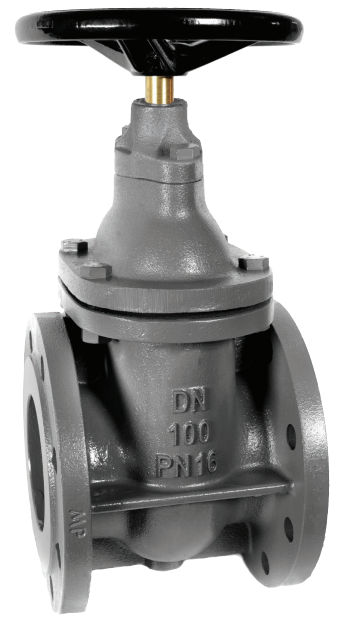
- Manufactured in accordance with EN 1171
- Face-to-face length according to EN 558-1, basic series 14
- Flanged according to EN 1092-2 PN16 with raised face undrilled, PN10 or other specifications on request
- Inside screw thread clockwise closing, maintenance free o-ring packing
- Minimal pressure drop
- Hydrostatically tested according to EN 12266-1: Test type P11-P12 Rate A
- Pressure Equipment Directive 2014/68/UE Group 2
- 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
- Sewage water
- Water treatment
- Air-conditioning systems (HVAC)
- Central heating and cooling circuits
- Non-aggressive fluids
- Tanks
- Irrigation

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

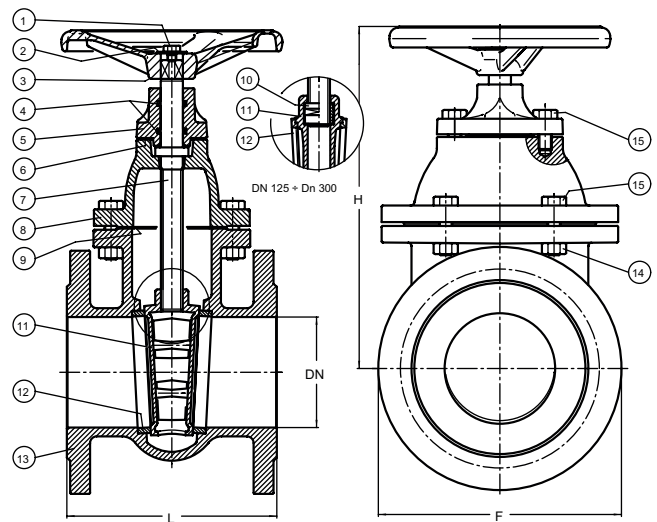
Working temperature (°C)	-10 to +120	+120 to +150
Max Working pressure (bar)	16	14

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	Screw	Zinc-plated 8.8 carbon steel	EN ISO 4017
2	Washer	Zinc-plated carbon steel	EN 7092
3	Handwheel	EN-GJL-250 grey cast iron	EN 1561
4	O-ring	DF801 FKM 80SH	-
5	Cap	EN-GJL-250 grey cast iron	EN 1561
6	Gasket	Fasit 205	-
7	Stem	Drawn brass CW614N	EN 12164
8	Bonnet	EN-GJL-250 grey cast iron	EN 1561
9	Gasket	Fasit 205	-
10	Motherscrew	Cast brass CB 754-S GM	EN 1982
11	Wedge DN 40-DN 100	Cast brass CB 754-S GM	EN 1982
11	Wedge DN 125-DN 300	EN-GJL-250 grey cast iron	EN 1561
12	Seats	CB 754-S GM cast brass	EN 1982
13	Body	EN-GJL-250 grey cast iron	EN 1561
14	Nut	Zinc-plated 8.8 carbon steel	ISO 4032
15	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	192	215	247	273	307	365	412	496	587	655
Weight Kg	10	12	16	20	26	35	45	68	91	124
Handwheel Ø mm	125	150	175	175	200	200	225	225	250	300
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

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Valvola a saracinesca in ghisa grigia a Corpo Piatto vite interna sede ottone PN16 esente da manutenzione per Alte Temperature

Principali caratteristiche

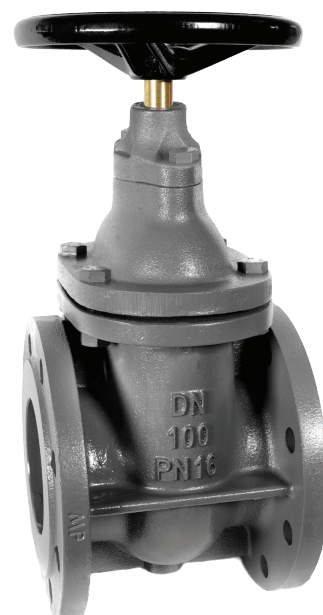
- Prodotta in Italia in accordo a EN 1171
- Scartamento secondo EN 558-1, serie 14
- Connessioni flangiata secondo EN 1092-2 PN16 con risalto (secondo altre specifiche disponibili su richiesta)
- Stelo interno, chiusura in senso orario, tenuta secondaria sullo stelo con O-ring
- Minima perdita di carico
- Testata idraulicamente secondo EN 12266-1: Test tipo P11-P12 Rate A
- Conforme alla Direttiva Attrezzature in Pressione PED 2014/68/UE art. 13 Fluidi di gruppo 2
- 100% passaggio totale

Settori di utilizzo

- Impianti industriali
- Acque reflue
- Impianti trattamento acque
- Sistemi di condizionamento aria (HVAC)
- Centrali termiche e circuiti di raffreddamento
- Fluidi non aggressivi
- Serbatoi
- Irrigazione

Protezione dalla corrosione

- Versione Standard: rivestita esternamente con vernice ad alta resistenza alla corrosione con resina oleofenolica ai fosfati di zinco Grigio Ral 7011
- Su richiesta: verniciatura integrale epossidica
- Altre tonalità disponibili



Condizioni di esercizio

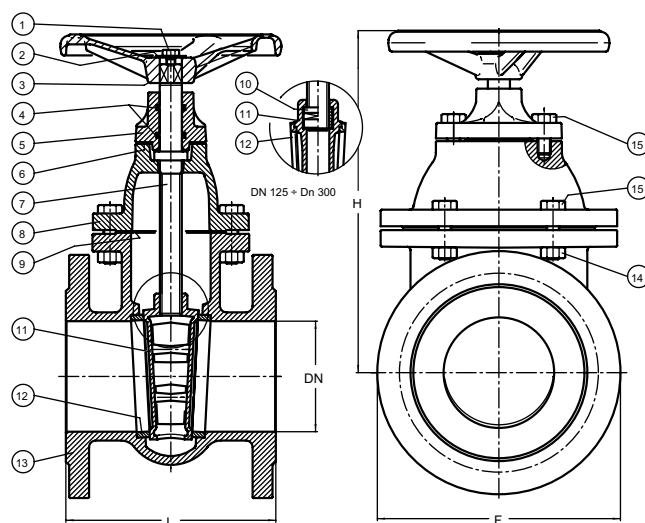
Temperature fluido (°C)	-10 to +120	+120 to +150
Massima pressione fluido (bar)	16	14

Test idraulico secondo EN 12266-1 (bar)

P11 Corpo	P12 Sedi (acqua)	P12 Sedi (aria)
24	18	6

Specifica materiali

Nr	Parte	Materiale	Norma
1	Vite	Acciaio Zincato 8.8	EN ISO 4017
2	Rondella	Acciaio Zincato	EN 7092
3	Volantino	EN-GJL-250 Ghisa grigia	EN 1561
4	O-ring	DF801 FKM 80SH	-
5	Cappello	EN-GJL-250 Ghisa grigia	EN 1561
6	Guarnizione	Fasit 205	-
7	Asta	CW614N Ottone trafilato	EN 12164
8	Cappello	EN-GJL-250 Ghisa grigia	EN 1561
9	Guarnizione	Fasit 205	-
10	Madrevite	CB 754-S GM Ottone fuso	EN 1982
11	Cuneo DN 40-DN 100	CB 754-S GM Ottone fuso	EN 1982
11	Cuneo DN 125-DN 300	EN-GJL-250 Ghisa grigia	EN 1561
12	Sedi	CB 754-S GM Ottone fuso	EN 1982
13	Corpo	EN-GJL-250 Ghisa grigia	EN 1561
14	Dado	Acciaio Zincato 8.8	ISO 4032
15-16	Vite	Acciaio Zincato 8.8	EN ISO 4017



Dati tecnici

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	192	215	247	273	307	365	412	496	587	655
Peso Kg	10	12	16	20	26	35	45	68	91	124
Volantino Ø mm	125	150	175	175	200	200	225	225	250	300
Giri apertura/chiusura nr	10	12,5	16	20	25	25	30	40	50	60
Momento torcente in chiusura Nm	30	30	35	35	40	45	45	60	65	70
Perdite di carico Kvs	107	250	430	790	1.250	1.960	2.790	2.880	4.306	6.380

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