

Ductile cast iron Gate Valve inside screw soft seating PN16 handwheel operated ISO 7259

Main characteristics

- Manufactured in Italy in accordance with ISO 7259
- Face-to-face length according to ISO 5752, basic series 3 (EN 558-1 basic series 3)
- Flanged according to EN 1092-2 PN16 with raised face (other specifications on request)
- Inside screw thread clockwise closing, o-ring packing, back seats provided
- Minimal pressure drop
- Hydrostatically tested according to En 12266-1: Test type P10-P11-P12 Rate A
- Pressure Equipment Directive 2014/68/UE Group 2
- 100% full bore
- EPDM integrally vulcanized wedge

Field of application

- Potable water
- Food industry
- Sewage water
- Water treatment
- Fire-fighting
- Irrigation

Corrosion protection

Integrally fusion bonded
Epoxy coated
Blue Ral 5015
250 micron



Ratings

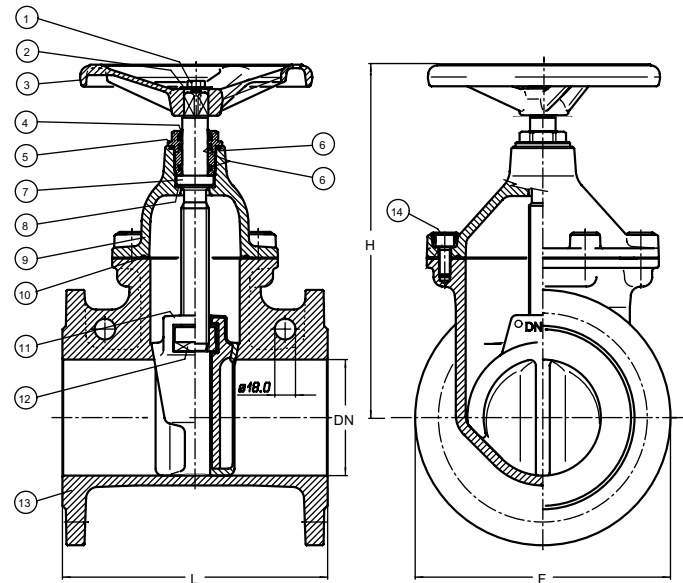
Working temperature (°C)	-10 to +80
Max Working pressure (bar)	16

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 4762
2	Washer	Zinc-plated carbon steel	EN 7092
3	Handwheel	EN-GJL-150 grey cast iron	EN 1561
4	Dust proof packing	Pvc	-
5	Bush	Drawn brass CW614N	EN 12164
6	O-ring	Epdm	ISO 4097
7	Stem	Stainless Steel X12Cr13	AISI 410
8	Back seat	Ptfe	ASTM 4894
9	Bonnet	EN-GJS-400-15 ductile cast iron	EN 1563
10	Gasket	Epdm	ISO 4097
11	Wedge	EN-GJS-400-15 ductile cast iron	EN 1563
12	Motherscrew	Cast brass CB 754-S GM	EN 1982
13	Body	EN-GJS-400-15 ductile cast iron	EN 1563
14	Screw tap	Hot Glue	-



Technical data

DN	50	65	80	100	125	150	200	250	300
F mm	165	185	200	229	250	285	340	395	483
L mm	178	190	203	229	254	267	292	330	356
H mm	213	236	265	298	344	388	480	587	664
Weight Kg	12	15	18	23	29	37	56	87	115
Handwheel Ø mm	150	175	175	200	200	225	250	300	350
Turns open/close nr	12,5	16	16	20	25	30	33	41	50
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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Valvola a saracinesca in ghisa sferoidale a corpo piatto vite interna a cuneo gommato PN16 ISO 7259

Principali caratteristiche

- Prodotta in Italia in accordo a ISO 7259
- Scartamento secondo ISO 5752, serie 3
- Connessioni flangiate 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, provvista di controtenuta
- 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
- Cuneo rivestito integralmente in EPDM

Settori di utilizzo

- Acqua potabile
- Industria alimentare
- Acque reflue
- Impianti trattamento acque
- Serbatoi
- Alimentazione sistemi antincendio Sprinkler
- Irrigazione

Protezione

dalla corrosione
Rivestita integralmente con verniciatura epossidica Blu Ral 5015 spessore 250 Micron



Condizioni di esercizio

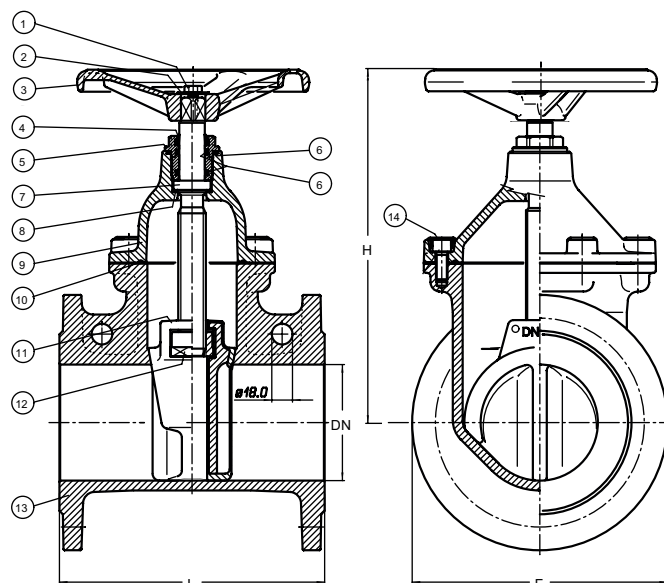
Temperature fluido (°C)	-10 +80
Massima pressione fluido (bar)	16

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 4762
2	Rondella	Acciaio zincato	EN 7092
3	Volantino	EN-GJL-150 ghisa grigia	EN 1561
4	Parapolvere	Pvc	-
5	Boccola	CW614N ottone trafilato	EN 12164
6	O-ring	Epdm	ISO 4097
7	Asta	X12Cr13 acciaio inossidabile	AISI 410
8	Controtenuta	Ptfe	ASTM 4894
9	Cappello	EN-GJS-400-15 ghisa sferoidale	EN 1563
10	Guarnizione	Epdm	ISO 4097
11	Cuneo	EN-GJS-400-15 ghisa sferoidale vulcanizzata integralmente Epdm	EN 1563
12	Madrevite	CB 754-S GM ottone fuso	EN 1982
13	Corpo	EN-GJS-400-15 ghisa sferoidale	EN 1563
14	Coprivite	Adesivo termofusibile	-



Dati tecnici

DN	50	65	80	100	125	150	200	250	300
F mm	165	185	200	229	250	285	340	395	483
L mm	178	190	203	229	254	267	292	330	356
H mm	213	236	265	298	344	388	480	587	664
Peso Kg	12	15	18	23	29	37	56	87	115
Volantino Ø mm	150	175	175	200	200	225	250	300	350
Giri apertura/chiusura nr	12,5	16	16	20	25	30	33	41	50
Momento torcente in chiusura Nm	35	45	50	60	60	80	90	100	120
Perdite di carico Kvs	250	430	790	1.250	1.960	2.790	2.880	4.306	6.380