

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

Main characteristics

- Manufactured in Italy in accordance with ISO 7259
- Face-to-face length according to 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
- Water treatment
- Fire-fighting
- Irrigation

Corrosion protection

Integrally fusion bonded
Epoxy coated
Blue Ral 5015
250 micron



Ratings

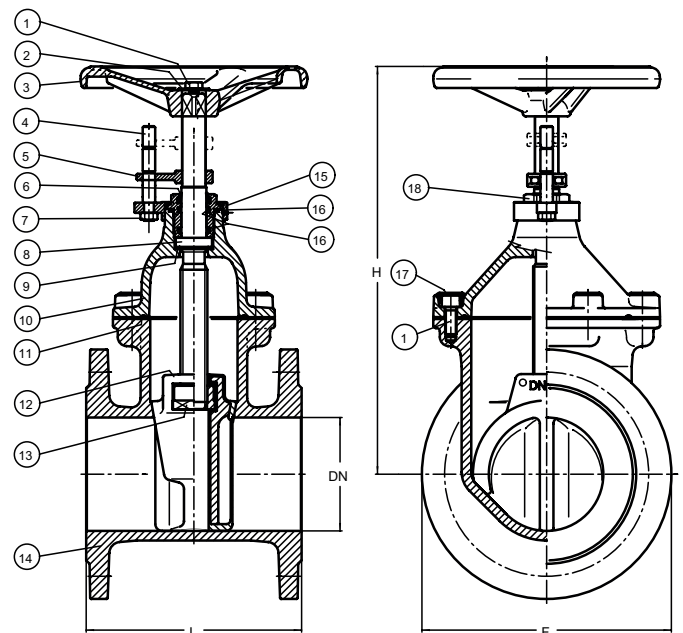
Working temperature (°C)	-10 to +80
Max Working pressure (bar)	16

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	Indicator	CW614N Drawn brass	EN 12164
5	Fork	CB 754-S GM Cast brass	EN 1982
6	Dust proof packing	Pvc	-
7	Nut	Zinc-plated 8.8 carbon steel	EN ISO 4762
8	Stem	X12Cr13 Stainless Steel	AISI 410
9	Back seat	Ptfe	ASTM 4894
10	Bonnet	EN-GJS-400-15 Ductile cast iron	EN 1563
11	Gasket	Epdm	ISO 4097
12	Wedge	EN-GJS-400-15 Ductile cast iron Epdm integrally Vulcanized	EN 1563
13	Motherscrew	CB 754-S GM Cast brass	EN 1982
14	Body	EN-GJS-400-15 Ductile cast iron	EN 1563
15	Indicator support	CB 754-S GM Cast brass	EN 1982
16	O-ring	Epdm	ISO 4097
17	Screw tap	Hot Glue	-
18	Bush	CW614N Drawn brass	EN 12164



Technical data

DN	50	65	80	100	125	150	200	250	300
F mm	165	185	200	220	250	285	340	405	460
L mm	178	190	203	229	254	267	292	330	356
H mm	255	290	320	360	425	470	565	670	765
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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