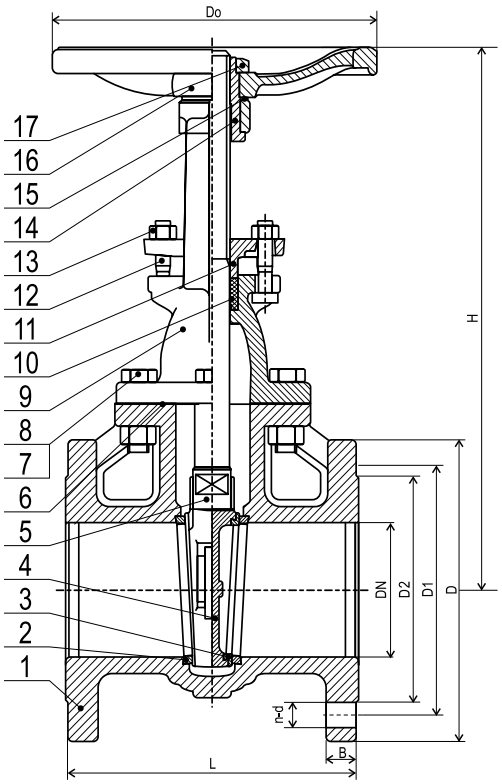
G 507

DUCTILE IRON GATE VALVE

PN 16 FLANGED
RISING STEM
Conforms to BS EN 1171:2002 PN16

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Specifications:

- OUTSIDE SCREW & YOKE
- PRESSURE-TEMPERATURE RATING: 16 BAR AT -10 TO 120°C 12.8 BAR AT 200°C
- TEST PRESSURES HYDRAULIC: SHELL: 24 BAR, SEAT: 17.6 BAR
- DESIGN AND MANUFACTURE CONFORM TO BS5150 (BS EN 1171:2002 PN 16)
- FACE TO FACE DIMENSIONS CONFORM TO SERIES 3 OF BS EN 558-1
- FLANGE DRILLED CONFORM TO BS EN 1092-2 PN 16
- GATE VALVES ARE DESIGNED TO BE IN AN OPEN OR CLOSED POSITION
- SUITABLE MEDIA: WATER & OIL
- COATING: FUSION BONDED EPOXY (FBE), DFT ≥ 250 µ

Dimensions (mm)

DN	L	D	D1	D2	n-d	B	f	Do	H CLOSED	WEIGHT (KG)
50	178	165	125	102	4-19	20	3	180	240	14.1
65	190	185	145	122	4-19	20	3	180	265	18.2
80	203	200	160	138	8-19	22	3	200	323	23.8
100	229	220	180	158	8-19	24	3	254	365	36.1
125	254	250	210	188	8-19	26	3	254	413	48.9
150	267	285	240	212	8-23	26	3	300	477	66.3
200	292	340	295	288	12-23	30	3	300	585	102
250	330	405	355	320	12-28	32	3	350	710	184
300	356	460	410	378	12-28	32	4	400	789	254

Materials

No.	DESCRIPTION	MATERIAL	STANDARD
1	Body	Ductile Iron	EN-GJS-500-7
2	Seat Ring	Bronze	1982 CC 491K
3	Wedge Seat Ring	Bronze	1982 CC 491K
4	Wedge	Ductile Iron	EN-GJS-500-7
5	Stem	Brass	12164 CW603R
6	Gasket	Graphite	Non Asbestos
7	Bolt	Steel	Steel
8	Nut	Steel	Steel
9	Bonnet	Ductile Iron	EN-GJS-500-7
10	Packing	Graphite	Non Asbestos
11	Gland Follower	Ductile Iron	EN-GJS-500-7
12	Bolt	Steel	Steel
13	Nut	Steel	Steel
14	Stem Nut	Brass	Mn Brass
15	Handwheel Washer	Brass	Mn Brass
16	Handwheel	Ductile Iron	EN-GJS-500-7
17	Handwheel Nut	Steel	Steel

All data, descriptions and pictures contained in this leaflet may be subject to change without prior notice.
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