# G 511

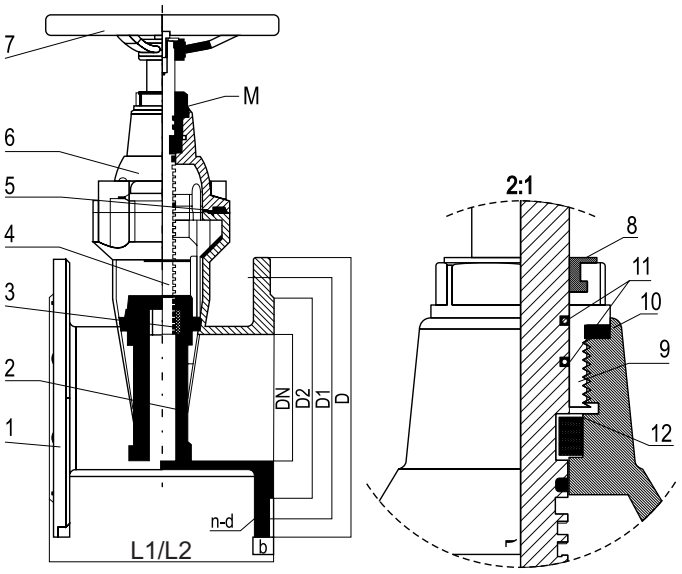
## DUCTILE IRON RESILIENT SEATED NRS GATE VALVE

PN16 FLANGED

DESIGNED AND MANUFACTURED ACCORDING TO EN1171, EN1074-1/2 & BS5163

www.ecivalve.it






## Specifications:

- DESIGNED AND MANUFACTURED ACCORDING TO EN1171 (DIN3352), EN 1074-1/2 & BS5163
- BODY MATERIAL CONFORMS TO EN-GJS-500-10 (GGG50)
- FACE TO FACE ACCORDING TO EN558-1 SERIES 14 (EX DN3202 F4) L1 or BS5163 L2
- FLANGED END ACCORDING TO EN 1092-2 (DIN3252)
- COATING: FUSION BONDED EPOXY (FBE), DFT ≥ 250 µm.
- WORKING PRESSURE: 16 BAR
- DM174/2004 CERTIFIED
- HYDRAULIC TEST PRESSURE: 17 BAR
- HYDRAULIC TEST ACCORDING TO BS EN 12266-1
- WORKING TEMPERATURE: -5°C + 110°C (NON WRAS) 0°C + 80°C (WRAS)
- WORKING MEDIUM: WATER, WASTE WATER AND NON DANGEROUS LIQUIDS BELOW 0°C
- ONLY FOR WATER WITH ANTIFREEZE FLUIDS

## Accessories:

- EXTENSION SPINDLE
- SQUARE CAP
- POSITION INDICATOR

## Dimensions (mm)

| DN | INCH | L1 | L2 | D | D1 | D2 | b | n-d | WEIGHT (KG) |
|---|---|---|---|---|---|---|---|---|---|
| 50 | 2" | 150 | 178 | 165 | 125 | 102 | 19 | 4-19 | 9 |
| 65 | 2.1/2" | 170 | 190 | 185 | 145 | 122 | 19 | 4-19 | 12 |
| 80 | 3" | 180 | 203 | 200 | 160 | 132 | 19 | 8-19 | 14 |
| 100 | 4" | 190 | 229 | 220 | 180 | 156 | 19 | 8-19 | 18 |
| 125 | 5" | 200 | 254 | 250 | 210 | 184 | 19 | 8-19 | 24 |
| 150 | 6" | 210 | 267 | 285 | 240 | 211 | 19 | 8-23 | 30 |
| 200 | 8" | 230 | 292 | 340 | 295 | 266 | 20 | 12-23 | 49 |
| 250 | 10" | 250 | 330 | 405 | 355 | 319 | 22 | 12-28 | 76 |
| 300 | 12" | 270 | 356 | 460 | 410 | 370 | 24,5 | 12-28 | 106 |
| 350 | 14" | 290 | 381 | 520 | 470 | 429 | 26,5 | 16-28 | 166 |
| 400 | 16" | 310 | 406 | 580 | 525 | 480 | 28 | 16-30 | 210 |
| 450 | 18" | 330 | 432 | 640 | 585 | 550 | 28 | 20-30 | 265 |
| 500 | 20" | 350 | 457 | 715 | 650 | 610 | 30 | 20-33 | 360 |
| 600 | 24" | 390 | 508 | 840 | 770 | 725 | 32 | 20-36 | 563 |

## Materials

| No. | DESCRIPTION | MATERIAL | STANDARD |
|---|---|---|---|
| 1 | Body | Ductile Iron | EN-GJS-500-7/GGG50 |
| 2 | Wedge | DI+EPDM | EN-GJS-500-7/GGG50 |
| 3 | Stem nut | Brass | CW617N |
| 4 | Stem | Stainless Steel | AISI SS420/SS316 |
| 5 | Bonnet Gasket | EPDM | EPDM |
| 6 | Bonnet | Ductile Iron | EN-GJS-500-7/GGG50 |
| 7 | Handwheel | Ductile Iron | EN-GJS-500-7/GGG50 |
| 8 | Anti Dust Ring | EPDM | EPDM |
| 9 | Locking Nut | Brass | CW617N |
| 10 | Sealing Ring | EPDM | EPDM |
| 11 | O Ring | EPDM | EPDM |
| 12 | Positioning Ring | Brass | CW617N |

All data, descriptions and pictures contained in this leaflet may be subject to change without prior notice.
European Casting Industry Srl | Via Morimondo, 26 - Building 17a | 20143 Milan MI, Italy | P.Iva: 03228761205
www.ecivalve.it | info@ecivalve.it