# Knife (Lug) Cast Steel WCB Class 150

Body and Bonnet Cast Steel A216 WCB
Specs according to MSS SP-81

Max working pressure:
Steel WCB class 150

Disk 304 Stainless Steel
Stem up (OS&Y)
Mounting Actuator ISO 5211

Metal seat

Diameters: 4" to 12"



## PRESSURE TEMPERATURE RATINGS

| Temperature °F/°C | Pressure worked lbs/inch2 (PSI) |
|---|---|
| | Class 150 |
| (-) 20 °F / (-) 29 °C to (+) 100 °F / (+) 38 °C | 285 |
| 200 °F / 93 °C | 260 |
| 300 °F / 149 °C | 230 |
| 400 °F / 204 °C | 200 |
| 500 °F / 260 °C | 170 |
| 600 °F / 316 °C | 140 |
| 650 °F / 343 °C | 125 |
| 700 °F / 371 °C | 110 |
| 750 °F / 399 °C | 95 |
| 800 °F / 427 °C | 80 |
| 850 °F / 454 °C | 65 |
| 900 °F / 482 °C | 50 |
| 950 °F / 510 °C | 35 |
| 1000 °F / 538 °C | 20 |

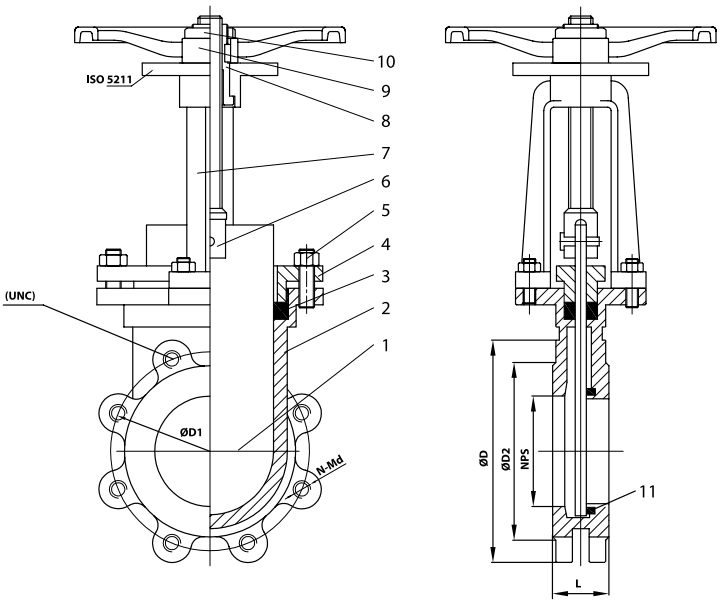
* Note : Dimensions, design and materials are subject to change without notice.

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## MATERIALES

| | PART NAME | MATERIAL |
|---|---|---|
| 1 | DISK | SS 304 |
| 2 | BODY / BONNET | ASTM A351 CF3M |
| 3 | PACKING | Graphite |
| 4 | GLANDE FLANGE | ASTM A351 CF8M |
| 5 | NUT | 316 |
| 6 | STEM | F316 |
| 7 | YOKE | CF8M |
| 8 | STEM NUT | H62 |
| 9 | HANDWHEEL | QT400-47 |
| 10 | HANDWHEEL NUT | 35 |
| 11 | SEAT | ASTM A351 CF3M |

TEST API 598




## DIMENSIONS (mm)

| SIZE | D | D1 | D2 | L | n-UNC |
|---|---|---|---|---|---|
| 4″ | 229 | 190.5 | 157 | 51 | 4-5/8 |
| 6″ | 279 | 241.5 | 216 | 57 | 8-3/4 |
| 8″ | 343 | 298.5 | 270 | 70 | 8-3/4 |
| 10″ | 406 | 362 | 324 | 70 | 12-7/8 |
| 12″ | 483 | 432 | 384 | 76 | 12-7/8 |

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