

KNIFE GATE VALVE CAST IRON VG3400-00 RISING STEM DIN PN 10

Материал cast iron EN-JL1040

Налягане PN 10

Размер DN 50 - 600

DESCRIPTIONS

Range : from DN 50 to DN 600.

Function ON/OFF or regulation.

Wafer threaded mounting ISO PN10.

Unidirectional tightness, direction indication thanks to the arrow on the body.

Small retention zone: the gate is guided in the body and has little clearance.

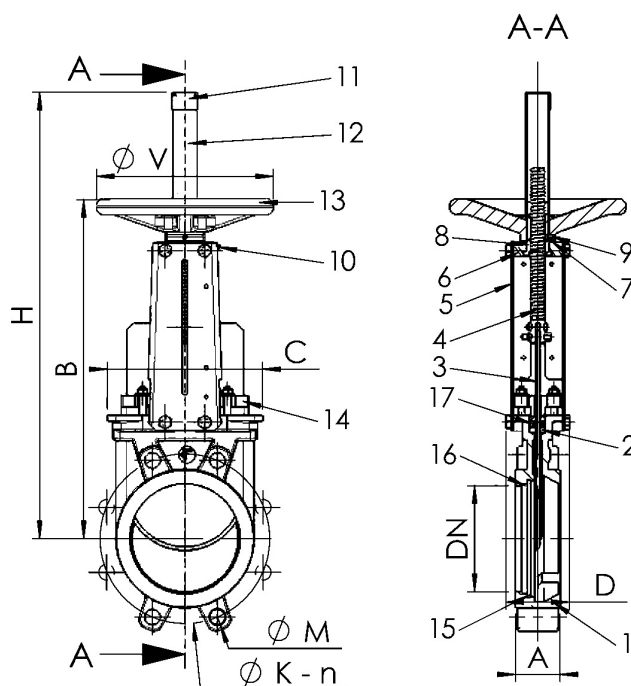
Gland assembly: packing and O-ring (same materials as seat joint) to assure the elasticity and decrease the operating torque. Small head loss. Possibility to regulate thick fluids with the adaptation of a diaphragm ring.

MEDIA

General use : Pulp production, water, water treatment, waste water, chemical industry (powdery or crystallizing products), wine-producing, pulverized products (cement work, pneumatic transport, stocking).

OPTIONS

Others materials on request (If marked) Maximum temperature



Standard tightness



Tightness metal/metal

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| No. | Parts | Material |
|--|-----------------|--|
| 17 | O-Ring | Nitril |
| 16** | Support ring | Stainless steel 316 |
| 15** | Gasket | Nitril |
| 14 | Packing gland | Aluminium (DN 50-450) Steel (DN 500-600) |
| 13 | Handwheel | Cast iron EN-GJL-250 |
| 12 | Protection tube | Steel |
| 11 | Cap | Plastic |
| 10 | Greaser | Stainless steel |
| 9 | Stop screw | Stainless steel |
| 8 | Nut | Bronze |
| 7 | Friction washer | Bronze |
| 6 | Nut support | Zinc steel |
| 5* | Support plate | Steel + epoxy |
| 4 | Stem | Stainless steel 13%Cr |
| 3 | Gate | Stainless steel X5CrNi 18-10 |
| 2 | Packing | PTFE |
| 1 | Body | Cast iron EN-GJL-250 |
| * Pre-shaped parts up to DN 300. | | |
| ** Missing parts on metal / metal tightness. | | |

| Specifications | |
|--------------------------------|------------------------------------|
| Building standards: | 2014/68/UE : modulate H. |
| ATEX: | ATEX II 2 GD c and ATEX II 3 GD c. |
| Tests: | EN 12266-1" |
| Execution: | Straight |
| Connection type: | Between flanges EN1092-2 / PN10 |
| Operation: | Handwheel |
| Actuation: | Multiturn |
| Maximum temperature °C: | -10°C / + 80°C |
| Optional materials on request: | |
| Metal / metal | T max -10°C / +80°C. |

KNIFE GATE VALVE CAST IRON VG3400-00 RISING STEM DIN PN 10

Материал cast iron EN-JL1040

Налягане PN 10

Размер DN 50 - 600

| Specifications | |
|--------------------|------------------------|
| White NBR | T max -10°C / +80°C. |
| EPDM | T max -10°C / + 130°C. |
| Silicone | T max -10°C / + 170°C. |
| FPM (Type Viton) | T max -10°C / + 170°C. |
| PTFE*** | T max +4°C / + 170°C. |
| CSM (Type Hypalon) | T max +4°C / +80°C. |

| Dn | | A | B | C | D | ø v | H | ø k | N | ø m | Weight (kg) |
|-----|---------|-----|------|-----|-----|-----|------|-----|----|-----------|-------------|
| mm | inch | | | | | | | | | | |
| 50 | 2" | 40 | 283 | 124 | 83 | 200 | 348 | 125 | 4 | 4 x M16 | 7,5 |
| 65 | 2"1 / 2 | 40 | 308 | 139 | 83 | 200 | 388 | 145 | 4 | 4 x M16 | 9,0 |
| 80 | 3" | 50 | 333 | 154 | 83 | 200 | 413 | 160 | 8 | 4 x M16 | 10,0 |
| 100 | 4" | 50 | 378 | 174 | 83 | 200 | 488 | 180 | 8 | 4 x M16 | 11,5 |
| 125 | 5" | 50 | 423 | 189 | 93 | 250 | 564 | 210 | 8 | 4 x M16 | 15,5 |
| 150 | 6" | 60 | 474 | 220 | 93 | 250 | 635 | 240 | 8 | 4 x M20 | 18,5 |
| 200 | 8" | 60 | 593 | 275 | 108 | 310 | 809 | 295 | 8 | 4 x M20 | 35,0 |
| 250 | 10" | 70 | 685 | 326 | 108 | 310 | 946 | 350 | 12 | 8 x M20 | 47,0 |
| 300 | 12" | 70 | 792 | 380 | 108 | 310 | 1118 | 400 | 12 | 8 x M20 | 61,0 |
| 350 | 14" | 96 | 900 | 438 | 290 | 500 | 1282 | 460 | 16 | 10 x M 20 | 117 |
| 400 | 16" | 100 | 978 | 494 | 290 | 500 | 1441 | 515 | 16 | 10 x M 24 | 151 |
| 450 | 18" | 106 | 1105 | 547 | 290 | 500 | 1587 | 565 | 20 | 14 x M 24 | 187 |
| 500 | 20" | 110 | 1215 | 613 | 290 | 500 | 1809 | 620 | 20 | 14 x M 24 | 205 |
| 600 | 24" | 110 | 1418 | 716 | 290 | 500 | 2060 | 725 | 20 | 14 x M 27 | 292 |