

# CAST IRON ANGLE VALVE DIN 3202 F32, PN 10

Material cast iron EN-JL1040; DIN GG25

Pressure PN 10

## TECHNICAL DESCRIPTION

Angle valve, with flange connection. Possible variations of functions depending on the design:

- shut-off valve
- regulating valve
- check valve

Valve seal – metal to metal.

Spindle type – pull-out.

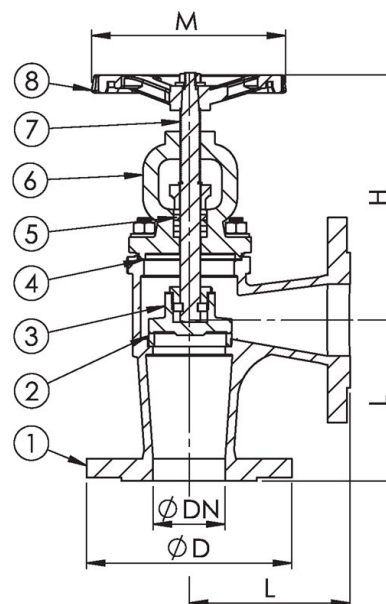
## WORKING FLUID / MEDIUM

Water, steam, fuels, lubricating and combustible hydraulic oils, petroleum, seawater.

## OPTIONS

Closing spring when functioning as a check valve.

Dimensions: DN 15 - 300



| SPECIFICATION       |           |                                        |
|---------------------|-----------|----------------------------------------|
| No.                 | DETAILS   | MATERIALS                              |
| 1                   | Body      | gray cast iron EN-JL1040 (GG25)        |
| 2                   | Saddle    | stainless steel 1.4301                 |
| 3                   | Valve     | gray cast iron EN-JL1040 (GG25)/1.4301 |
| 4                   | Garnish   | graphite                               |
| 5                   | Oil seal  | graphite packing                       |
| 6                   | Lid       | gray cast iron EN-JL1040 (GG25)        |
| 7                   | Spindle   | stainless steel 1.4301                 |
| 8                   | Handwheel | gray cast iron EN-JL1040 (GG25)        |
| Standard            |           | DIN 3202 F32                           |
| Joining             |           | EN 1092-2                              |
| Construction length |           | EN 558, series 1                       |
| Lid connection      |           | bolted                                 |
| Execution           |           | angular                                |
| Joining             |           | flanged                                |
| Management          |           | manually with wheel                    |
| Drive               |           | multi-turn                             |
| T max. °C           |           | 180 °C                                 |

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| DN  | PN | Flanges/PN | L   | D   | ØP* | nxd   | H   | M   | Weight (kg) |
|-----|----|------------|-----|-----|-----|-------|-----|-----|-------------|
| 15  | 10 | 10         | 90  | 95  | 65  | 4x14  | 173 | 120 | 4           |
| 20  | 10 | 10         | 95  | 105 | 75  | 4x14  | 173 | 120 | 4.5         |
| 25  | 10 | 10         | 100 | 115 | 85  | 4x14  | 190 | 120 | 5.2         |
| 32  | 10 | 10         | 105 | 140 | 100 | 4x18  | 190 | 120 | 6.7         |
| 40  | 10 | 10         | 115 | 150 | 110 | 4x18  | 225 | 140 | 9.6         |
| 50  | 10 | 10         | 125 | 165 | 125 | 4x18  | 218 | 140 | 12          |
| 65  | 10 | 10         | 145 | 185 | 145 | 8x18  | 246 | 140 | 16          |
| 80  | 10 | 10         | 155 | 200 | 160 | 8x18  | 274 | 160 | 21          |
| 100 | 10 | 10         | 175 | 220 | 180 | 8x18  | 303 | 160 | 33          |
| 125 | 10 | 10         | 200 | 250 | 210 | 8x18  | 310 | 200 | 43          |
| 150 | 10 | 10         | 225 | 285 | 240 | 8x22  | 360 | 200 | 70          |
| 200 | 10 | 10         | 275 | 340 | 295 | 8x22  | 488 | 400 | 110         |
| 250 | 10 | 10         | 325 | 395 | 350 | 12x22 | 550 | 400 | 160         |
| 300 | 10 | 10         | 375 | 445 | 400 | 12x22 | 786 | 500 | 280         |

Note: The dimensions in column ØP should be considered as the diameters of the bolt circle, as the latter are not indicated in the drawing.