



Fig. 101

| DN | L | ØD | H | H ₁ | Ød | B ¹⁾ | weight approx. kgs |
|-----|-----|-----|-----|----------------|-----|-----------------|--------------------|
| 15 | 130 | 95 | 163 | 178 | 110 | 105 | 4 |
| 20 | 150 | 105 | 165 | 185 | 110 | 128 | 4,6 |
| 25 | 160 | 115 | 160 | 185 | 110 | 128 | 5,7 |
| 32 | 180 | 140 | 180 | 210 | 160 | 134 | 8,2 |
| 40 | 200 | 150 | 190 | 220 | 170 | 155 | 10,7 |
| 50 | 230 | 165 | 205 | 240 | 170 | 178 | 13,2 |
| 65 | 290 | 185 | 260 | 300 | 200 | 240 | 20,5 |
| 80 | 310 | 200 | 280 | 345 | 200 | 245 | 25 |
| 100 | 350 | 220 | 360 | 440 | 250 | 290 | 39,8 |
| 125 | 400 | 250 | 390 | 490 | 300 | 350 | 55,1 |
| 150 | 480 | 285 | 460 | 595 | 330 | 410 | 75 |
| 175 | 550 | 315 | 505 | 650 | 430 | 465 | 102 |
| 200 | 600 | 340 | 520 | 650 | 430 | 539 | 119,5 |

dimensions in mm

1) max. width in mm (not drawn)

| part | designation | material |
|------|--------------------------------------|-------------------|
| 1 | upper part of the body ¹⁾ | GG 25 |
| 2 | lower part of the body ¹⁾ | GG 25 |
| 3 | rubber lining | NR (+85°C) |
| 4 | pressure part | GGG |
| 5 | divided ring | steel |
| 6 | guiding nut | GG 25 |
| 7 | stem | 1.4021 |
| 8 | handwheel | steel |
| 9 | handwheel nut | stainless steel |
| 10 | bolts with nuts | zinc-coated steel |
| 11 | holding screw | zinc-coated steel |
| 12 | holding disc | zinc-coated steel |

¹⁾ parts 1 and 2 to be ordered together only.

Range of application: acids, alkaline solutions, aggressive liquids, sludges, waste water, sand-water mixtures, ore-sludge and coal-silt, abrasive media, powdery products (like e.g. cement, lime, gypsum etc.), mineral oil, water, air, neutral media, liquids containing solids, crystallizing media, highly viscous media, syrup, juices, mash.

Construction: free and smooth opening passage, without stuffing box, with interchangeable rubber lining, with controlled operation, body with polyester powder coating.

Materials: see table (other materials on demand).

Operating pressure: DN 15 - 80 max. 6 bar
DN 100 max. 5 bar
DN 125 - 200 max. 3 bar

Operation: with handwheel

Flange connection: DIN 2501, PN 16, DIN 2533 / EN 1092-2, PN 16
DN 200 = DIN 2501, PN 10, DIN 2532 / EN 1092-2, PN 10

Special constructions: rubber lining in quality NR food or heat resistant, rubber lining in quality Perbunan NBR or Neoprene CR, rubber lining in quality Butyl IIR, Hypalon CSM or EPDM, rubber lining in quality NR with PTFE-foil, rubber lining with steel spiral for light vacuum, stem in brass or stainless steel, stem extension, stem fixing nut and stroke limitation, limit switches, with position indicator, with chain wheel, in bigger sizes, for higher pressure stages, with pneumatic and electric actuator, hose diaphragm float valves, hose diaphragm safety valves.