



Cast steel swing check valves PN 40



Art. 194

Flanges: UNI EN 1092-2 PN 40

Face to face length: EN 558-1 serie 1, DIN 3202 F1

Installation: horizontal / vertical with down-up flow direction.

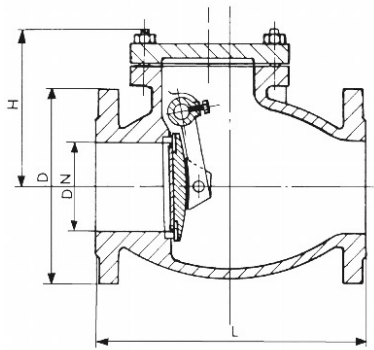
APPLICATIONS • Water supply • Pumping stations • Power stations • Industry • Steam • Oil & refineries

These swing check valves in cast steel PN 40 are manufactured with all parts in cast steel, and sealing seats in stainless steel. These swing check valves are installed for water, steam, gas, oil or whenever temperature doesn't allow the cast iron valves.

Materials

| | |
|---------------------------|------------------------------|
| body | cast steel GS-C25, GP-240-GH |
| cover | cast steel GS-C25, GP-240-GH |
| swing | cast steel GS-C25, GP-240-GH |
| body and disc seat facing | stainless steel |
| gasket | graphite |
| painting | nitro enamel or epoxy |

Dimensions



| DN | L mm. | H mm. | D mm. | Peso Weight kg. |
|-----|-------|-------|-------|-----------------|
| 50 | 230 | 102 | 160 | 15 |
| 65 | 290 | 160 | 180 | 21.5 |
| 80 | 310 | 165 | 195 | 38 |
| 100 | 350 | 175 | 230 | 41 |
| 125 | 400 | 185 | 270 | 58 |
| 150 | 480 | 245 | 300 | 80 |
| 200 | 600 | 355 | 375 | 119 |
| 250 | 730 | 395 | 450 | 212 |
| 300 | 850 | 470 | 515 | 299.5 |
| 350 | 980 | 520 | 580 | 520 |
| 400 | 1100 | 600 | 660 | 570 |
| 500 | 1250 | 670 | 755 | 1025 |
| 600 | 1450 | 760 | 890 | 1650 |

Pressure

| DN | Nominal pressure | Test pressure Mpa | Max working pressure Mpa |
|--------|------------------|-------------------|--------------------------|
| mm | BAR | body | seat |
| 150°C | 400°C | | |
| 50-600 | 40 | 6,0 | 4,4 |
| | | 3,42 | 2,31 |

