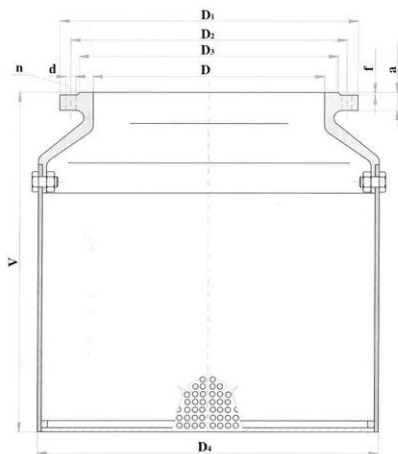


Inlet basket

M 30 010-610

PN 10



Application

Prevents coarse impurities from entering the pump through the inlet pipe. For use with non-aggressive liquids at service temperatures of up to 150°C.

Technical description

The body of the inlet basket is a casting with a connecting flange. A filter is bolted to the body. The surface area in the basket holes is 2.5 times the cross-sectional area of the pipe to which the basket is fitted.

Connecting and face-to-end dimensions

Face-to-end dimensions are given in table below.

Flange connecting dimensions as per DIN 2501 and ČSN 13 1060 and 13 1061.

Material

Body grey cast iron (GG-20)
Filter screen carbon steel

Installation

The inlet basket can be installed in a pipeline in any position.

| DN | D | V | D ₁ | D ₂ | D ₃ | a | D ₄ | f | n | d | kg |
|-----|-----|------|----------------|----------------|----------------|----|----------------|---|----|----|-----|
| 40 | 40 | 140 | 150 | 110 | 88 | 18 | 120 | 3 | 4 | 18 | 4,5 |
| 50 | 50 | 140 | 165 | 125 | 102 | 20 | 120 | 3 | 4 | 18 | 5 |
| 65 | 70 | 140 | 185 | 145 | 122 | 20 | 160 | 3 | 4 | 18 | 6 |
| 80 | 80 | 140 | 200 | 160 | 133 | 22 | 160 | 3 | 8 | 18 | 7 |
| 100 | 100 | 200 | 220 | 180 | 158 | 22 | 196 | 3 | 8 | 18 | 10 |
| 125 | 125 | 250 | 250 | 210 | 184 | 24 | 285 | 3 | 8 | 18 | 16 |
| 150 | 150 | 280 | 285 | 240 | 212 | 24 | 280 | 3 | 8 | 22 | 18 |
| 200 | 200 | 310 | 340 | 295 | 268 | 26 | 360 | 3 | 8 | 22 | 23 |
| 250 | 250 | 390 | 395 | 350 | 320 | 26 | 442 | 3 | 12 | 22 | 31 |
| 300 | 300 | 400 | 445 | 400 | 370 | 28 | 520 | 4 | 12 | 22 | 44 |
| 350 | 350 | 515 | 505 | 460 | 430 | 30 | 504 | 4 | 16 | 22 | 49 |
| 400 | 400 | 545 | 565 | 515 | 482 | 32 | 605 | 4 | 16 | 26 | 55 |
| 500 | 500 | 650 | 670 | 620 | 585 | 34 | 755 | 4 | 20 | 26 | 80 |
| 600 | 600 | 760 | 780 | 725 | 685 | 36 | 904 | 5 | 20 | 30 | 140 |
| 800 | 800 | 1015 | 1015 | 950 | 905 | 44 | 1205 | 5 | 24 | 33 | 216 |