

Mud Box (Basket Strainer) - Straight DIN Length

Cast Iron

SS Trim

Straight Type



Technical features

| | |
|-------------------|---|
| Standard | DIN 87151 D - With fixed studs and nuts |
| Face to face | DIN 87151 - Straight Type |
| Flange dimension | DIN Flanges acc. to EN 1092-2/B (DIN 2501) |
| Flange connection | PN 10 / PN 16 |
| Options | Brass bow nuts, CuNiFe basket or special perforation air plug or air vent valve on the cover, mounting feed |

• Cast Iron mud boxes with DIN face to face length and drain plug are installed in suction pipes board vessels to protect pumps against large solids. The standart perforation of the basket is 5 mm square for DN 40 to DN 65 and 8 mm square for DN 80 to DN 300. As an option basket perforation can be 3 mm or other special perforation. The cover is mounted with studs and hexagon nuts. Easy removable cover for cleaning. Increased basket volume and decreased service time.

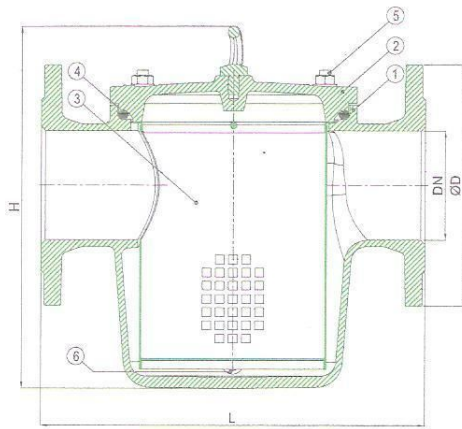
• Application: Especially for suction and discharge lines for sea cooling water and bilge systems.

Pressure & temperature ranges

| Bore | Pressure rating | Hydro test pressure [bar] | |
|----------------|-----------------|---------------------------|--|
| | | Casing | |
| DN 40 - DN 300 | 4 | 6 | |

Material specifications

| Part No. | Component | Material | | |
|----------|------------------|-----------------|-----------|---------|
| 1 | Body | EN-GJL250 | EN-JL1040 | GG25 |
| 2 | Cover | EN-GJL250 | EN-JL1040 | GG25 |
| 3 | Basket | X5CrNiMo17-12-2 | 1.4401 | AISI316 |
| 4 | Cover sealing | NBR | NBR | NBR |
| 5 | Stud bolts, nuts | Steel | Steel | Steel |
| 6 | Drain plug | Brass | Brass | Brass |



Dimensions & ordering codes

| DN [mm] | Flange Connection | ØD [mm] | L [mm] | H [mm] | Weight [kg] | IMPA code | Dikkan ordering code |
|---------|-------------------|---------|--------|--------|-------------|-----------|----------------------|
| 40 | PN10 | 150 | 200 | 192 | 8.5 | 872065 | 381.16.PN4.10.040 |
| 50 | PN10 | 165 | 230 | 209 | 12 | 872066 | 381.16.PN4.10.050 |
| 65 | PN10 | 185 | 290 | 250 | 16 | 872067 | 381.16.PN4.10.065 |
| 80 | PN10 | 200 | 310 | 275 | 20 | 872068 | 381.16.PN4.10.080 |
| 100 | PN10 | 220 | 350 | 331 | 28 | 872069 | 381.16.PN4.10.100 |
| 125 | PN10 | 250 | 400 | 392 | 39 | 872070 | 381.16.PN4.10.125 |
| 150 | PN10 | 285 | 480 | 446 | 62 | 872071 | 381.16.PN4.10.150 |
| 200 | PN10 | 340 | 600 | 549 | 103 | 872072 | 381.16.PN4.10.200 |
| 250 | PN10 | 395 | 600 | 587 | 141 | 872073 | 381.16.PN4.10.250 |
| 300 | PN10 | 445 | 600 | 660 | 189 | 872074 | 381.16.PN4.10.300 |
| 300 | PN10 | 445 | 700 | 660 | 179 | 872084 | 381.16.PN4.10.300 |

381.1F Cast iron body, Cunife basket
381.1C Cast iron body, Copper basket