# 482851 Mudbox straight type

## Description

Mudboxes are used in systems which needs to be protected against debris during pipe installation or regular operation. It is possible to get the strainer basket with 3, 5 or 8 mm mesh size. Straight with PN 10 drilled flange ends. DN 200-300 with support feet.

Sizes over DN300 is available on request.

*482851 mudbox picture*

## Specifications

**Flange standard:** ISO 7005-2

**Bonnet connection:** Bolted

**Execution:** Angled

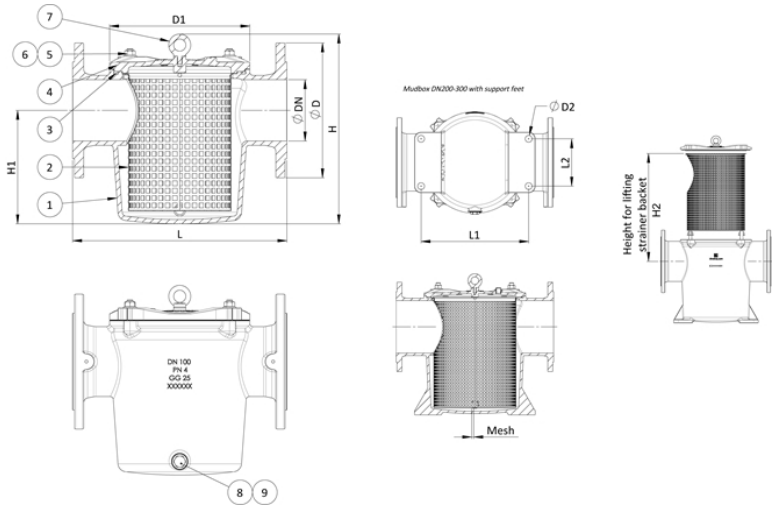
**Connection type:** Flanged

## Media

Fuel oil, lubricating oil and flammable hydraulic oil. Seawater and freshwater.

## Material

| No. | Part | Dimension | Material |
|---|---|---|---|
| 1 | Body | | Cast iron EN-JL1040 (GG25) |
| 2 | Strainer | | Stainless steel 1.4432 (AISI316L) |
| 3 | O-ring | | NBR |
| 4 | Bonnet | | Ductile iron EN-JS1030 (GGG40) |
| 5 | Flange nut | | Galvanized steel |
| 6 | Stud bolt | | Galvanized steel |
| 7 | Lifting eyebolt | | Galvanized steel |
| 8 | Washer | | Copper |
| 9 | Plug | DN 80-300 | Brass CW607N (Ms58) |




*482851 Mudbox Measurement drawing*

## 5X5 STRAINER MESH

| DN | Item no. | Pressure rating | Connection | L | D | D1 | H | H1 | H2 | Height for lifting strainer basket | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 93823 | PN 4 | PN 10 | 200 | 150 | 111 | 191 | 95 | 183 | 183 | 6.9 |
| 50 | 93824 | PN 4 | PN 10 | 230 | 165 | 136 | 208 | 106 | 210 | 210 | 10.0 |
| 65 | 93825 | PN 4 | PN 10 | 290 | 185 | 172 | 239 | 134 | 242 | 242 | 14.0 |

*All measurements in mm. Weights are approximations.*

## 8X8 STRAINER MESH

| DN | Item no. | Pressure rating | Connection | L | D | D1 | H | H1 | H2 | Height for lifting strainer basket | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | 93846 | PN 4 | PN 10 | 310 | 200 | 190 | 270 | 156 | 281 | 281 | 18.0 |
| 100 | 93847 | PN 4 | PN 10 | 350 | 220 | 350 | 309 | 185 | 328 | 328 | 24.0 |
| 125 | 93848 | PN 4 | PN 10 | 400 | 250 | 400 | 385 | 229 | 409 | 409 | 36.0 |
| 150 | 93849 | PN 4 | PN 10 | 480 | 285 | 480 | 436 | 268 | 476 | 476 | 47.0 |

*All measurements in mm. Weights are approximations.*

## 8x8 Strainer mesh with Support feet

| DN | Item no. | Pressure rating | Connection | L | D | D1 | D2 | L1 | L2 | H | H1 | H2 | Height for lifting strainer basket | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 200 | 93850 | PN 4 | PN 10 | 600 | 340 | 387 | 26 | 410 | 180 | 538 | 335 | 587 | 587 | 84.0 |
| 250 | 93851 | PN 4 | PN 10 | 600 | 395 | 479 | 26 | 510 | 205 | 589 | 355 | 664 | 664 | 116.0 |
| 300 | 93852 | PN 4 | PN 10 | 600 | 478 | 479 | 26 | 480 | 215 | 640 | 380 | 742 | 742 | 135.0 |

*All measurements in mm. Weights are approximations.*