



**Použití :**

Pro ochranu čerpadel a jiných zařízení před nasátím mechanických nečistot sacím potrubím.

**Application :**

Prevent coarse impurities from entering the pump through the inlet pipe.

**Pracovní látky :**

Kapaliny skupiny 1 a 2 dle PED 97/23

**Working medium:**

Liquids of group 1 and 2 acc. to PED 97/23

**Teploty a tlaky :**

Dovolená pracovní teplota média : dle zvoleného materiálu

Dovolený pracovní tlak média : dle zvoleného typu (PN)

**Working parameters :**

Max. working temperature of medium - according to the selected material

Max. working pressure of medium - according to the selected type (PN)

**Okatost síta :** Standardně 5mm, na přání 0,5 - 5mm

**Screen holes :** Standard 5mm, on customer request 0,5 - 5 mm

**Instalace :**

Sací koš se montuje výhradně do svislé polohy pro zabezpečení bezchybné funkce vnitřního mechanismu.

**Installation :**

Suction basket can be mounted only into a vertical position with respect to perfect function of mechanism inside.

**Materiálové provedení hlavních částí :**

Těleso a kuželka: těleso ocel tř. 11 na zakázku ocel tř. 17

Povrchová úprava - nástřik barvou, práškový epoxi nástřik, galvanizování atd.

**Materials of main parts:**

Body and disc - carbon steel, stainless steel on request

Screen - carbon steel, epoxy powder painted or stainless steel

**Tabulka rozměrů / Table of dimensions**

| DN<br>mm | PN 6    |          |          |          |         |         |         |         | PN 10    |          |          |         |         |         |         |         |
|----------|---------|----------|----------|----------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|
|          | D<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | V<br>mm | n<br>ks | d<br>mm | T<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | V<br>mm | n<br>ks | d<br>mm | T<br>mm | T<br>mm |
| 40       | 45      | 130      | 100      | 80       | 150     | 4       | M12     | 34      | 150      | 110      | 88       | 150     | 4       | M16     | 34      | 34      |
| 50       | 57      | 140      | 110      | 90       | 150     | 4       | M12     | 37      | 165      | 125      | 102      | 150     | 4       | M16     | 37      | 37      |
| 65       | 76      | 160      | 130      | 110      | 150     | 4       | M12     | 37      | 185      | 15       | 122      | 150     | 4       | M16     | 37      | 37      |
| 80       | 89      | 190      | 150      | 128      | 150     | 4       | M16     | 45      | 200      | 160      | 138      | 150     | 8       | M16     | 45      | 45      |
| 100      | 109     | 210      | 170      | 148      | 200     | 4       | M16     | 50      | 220      | 180      | 158      | 200     | 8       | M16     | 50      | 50      |
| 125      | 134     | 240      | 200      | 178      | 200     | 8       | M16     | 50      | 250      | 210      | 188      | 200     | 8       | M16     | 50      | 50      |
| 150      | 1360    | 265      | 225      | 202      | 300     | 8       | M16     | 50      | 285      | 240      | 212      | 300     | 8       | M20     | 50      | 50      |
| 200      | 221     | 320      | 280      | 258      | 300     | 8       | M16     | 55      | 340      | 295      | 268      | 300     | 8       | M20     | 55      | 55      |
| 250      | 275     | 375      | 335      | 312      | 400     | 12      | M16     | 58      | 395      | 350      | 320      | 400     | 12      | M20     | 58      | 58      |
| 300      | 326     | 440      | 395      | 365      | 500     | 12      | M20     | 58      | 445      | 400      | 370      | 500     | 12      | M20     | 58      | 58      |
| 350      | 379     | 490      | 445      | 415      | 500     | 12      | M20     | 58      | 505      | 460      | 430      | 500     | 16      | M20     | 58      | 58      |
| 400      | 428     | 540      | 495      | 465      | 600     | 16      | M20     | 65      | 565      | 515      | 482      | 600     | 16      | M24     | 65      | 65      |
| 450      | 462     | 595      | 550      | 520      | 600     | 16      | M20     | 68      | 615      | 565      | 532      | 600     | 20      | M24     | 68      | 68      |
| 500      | 532     | 645      | 600      | 570      | 600     | 20      | M20     | 68      | 670      | 620      | 585      | 600     | 20      | M24     | 68      | 68      |
| 600      | 633     | 755      | 705      | 670      | 800     | 20      | M24     | 68      | 780      | 725      | 685      | 800     | 20      | M27     | 68      | 68      |
| 700      | 723     | 860      | 810      | 775      | 800     | 24      | M24     | 70      | 895      | 840      | 800      | 800     | 24      | M27     | 70      | 70      |
| 800      | 823     | 975      | 920      | 880      | 1000    | 24      | M27     | 70      | 1015     | 950      | 905      | 1000    | 24      | M27     | 70      | 70      |
| 900      | 923     | 1075     | 1020     | 980      | 1000    | 24      | M27     | 75      | 1115     | 1050     | 1005     | 1000    | 28      | M30     | 75      | 75      |
| 1000     | 1023    | 1175     | 1120     | 1080     | 1000    | 28      | M27     | 75      | 1230     | 1160     | 1110     | 1000    | 28      | M33     | 75      | 75      |
| 1200     | 1223    | 1405     | 1340     | 1295     | 1000    | 32      | M30     | 80      | 1455     | 1380     | 1330     | 1000    | 32      | M36     | 80      | 80      |

Tabulka rozměrů / Table of dimensions

| DN<br>mm | PN 16   |          |          |          |         |         |         |         | PN 25    |          |          |         |         |         |         |
|----------|---------|----------|----------|----------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|
|          | D<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | V<br>mm | n<br>ks | d<br>mm | T<br>mm | D1<br>mm | D2<br>mm | D3<br>mm | V<br>mm | n<br>ks | d<br>mm | T<br>mm |
| 40       | 45      | 130      | 100      | 80       | 150     | 4       | M12     | 34      | 150      | 110      | 88       | 150     | 4       | M16     | 34      |
| 50       | 57      | 140      | 110      | 90       | 150     | 4       | M12     | 37      | 165      | 125      | 102      | 150     | 4       | M16     | 37      |
| 65       | 76      | 160      | 130      | 110      | 150     | 4       | M12     | 37      | 185      | 15       | 122      | 150     | 4       | M16     | 37      |
| 80       | 89      | 190      | 150      | 128      | 150     | 4       | M16     | 45      | 200      | 160      | 138      | 150     | 8       | M16     | 45      |
| 100      | 109     | 220      | 180      | 158      | 200     | 8       | M16     | 50      | 235      | 190      | 162      | 200     | 8       | M20     | 50      |
| 125      | 134     | 250      | 210      | 188      | 200     | 8       | M16     | 50      | 270      | 220      | 188      | 200     | 8       | M24     | 55      |
| 150      | 1360    | 285      | 240      | 212      | 300     | 8       | M20     | 50      | 300      | 250      | 218      | 300     | 8       | M24     | 60      |
| 200      | 221     | 340      | 295      | 268      | 300     | 12      | M20     | 55      | 360      | 310      | 278      | 300     | 12      | M24     | 60      |
| 250      | 275     | 405      | 355      | 320      | 400     | 12      | M24     | 60      | 425      | 370      | 335      | 400     | 12      | M27     | 70      |
| 300      | 326     | 460      | 410      | 378      | 500     | 12      | M24     | 65      | 485      | 430      | 395      | 500     | 16      | M27     | 70      |
| 350      | 379     | 520      | 470      | 438      | 500     | 16      | M24     | 65      | 555      | 490      | 450      | 500     | 16      | M30     | 80      |
| 400      | 428     | 580      | 525      | 490      | 600     | 16      | M27     | 75      | 620      | 550      | 505      | 600     | 16      | M33     | 85      |
| 450      | 462     | 640      | 585      | 550      | 600     | 20      | M27     | 75      | 670      | 600      | 555      | 600     | 20      | M33     | 90      |
| 500      | 532     | 715      | 650      | 610      | 600     | 20      | M30     | 85      | 730      | 660      | 615      | 600     | 20      | M33     | 95      |
| 600      | 633     | 840      | 770      | 725      | 800     | 20      | M33     | 95      | 845      | 770      | 720      | 800     | 20      | M36     | 110     |
| 700      | 723     | 910      | 840      | 795      | 800     | 24      | M33     | 105     | 960      | 875      | 820      | 800     | 24      | M39     | 130     |
| 800      | 823     | 1025     | 950      | 900      | 1000    | 24      | M36     | 120     | 1085     | 990      | 930      | 1000    | 24      | M45     | 145     |
| 900      | 923     | 11125    | 1050     | 1000     | 1000    | 28      | M36     | 125     | 1158     | 1090     | 1030     | 1000    | 28      | M45     | 150     |
| 1000     | 1023    | 1255     | 1170     | 1115     | 1000    | 28      | M39     | 140     | 1320     | 1210     | 1140     | 1000    | 28      | M52     | 160     |
| 1200     | 1223    | 1485     | 1390     | 1330     | 1000    | 32      | M45     | 155     | 1530     | 1420     | 1355     | 1000    | 32      | M52     | 175     |