

PRODUCT INFORMATION

PROSEP
FILTER SYSTEMS LTD

CAST IRON Y TYPE PN 16 FLANGE

Materials: Body: cast iron JL 1040, Screen: stainless steel 1.4301 (from DN 150 perforated plate 1.4301), Gasket: graphit reinforced

Connection: flanged ends DIN

Test pressure: 24 bar



| DN | L | A | Mesh-width* | Weight (kg) |
|-----|------|-----|-------------|-------------|
| 15 | 130 | 75 | 0,50 | 2,20 |
| 20 | 150 | 75 | 0,50 | 2,20 |
| 25 | 160 | 90 | 0,75 | 3,80 |
| 32 | 180 | 90 | 0,75 | 5,00 |
| 40 | 200 | 110 | 0,75 | 6,50 |
| 50 | 230 | 120 | 0,75 | 8,50 |
| 65 | 290 | 140 | 0,75 | 12,00 |
| 80 | 310 | 165 | 1,20 | 16,60 |
| 100 | 350 | 220 | 1,20 | 25,00 |
| 125 | 400 | 260 | 1,20 | 39,00 |
| 150 | 480 | 300 | 1,50 | 61,00 |
| 200 | 600 | 360 | 1,50 | 120,00 |
| 250 | 730 | 550 | 2,80 | 170,00 |
| 300 | 850 | 610 | 2,80 | 300,00 |
| 350 | 980 | 590 | 5,00 | 480,00 |
| 400 | 1100 | 640 | 5,00 | 570,00 |

* Fine screens at all nominal diameters mesh width 0,25 mm, free area 37%

** When ordering with fine screen: Article-Nr. + addition with F-SIEB

| DN | L1 | D1 | Fo | KVS1 | KVS2 | Zet1 | Zet2 | Ø G | Ø R | P | D | B |
|-----|-----|-----|-----|---------|---------|------|------|-----|-----|------|---------|------|
| 15 | 53 | 25 | 39% | 5,60 | 5,50 | 2,58 | 2,68 | 49 | 40 | 1,0 | 70x70 | 115 |
| 20 | 53 | 25 | 39% | 10,70 | 10,30 | 2,24 | 2,41 | 49 | 40 | 1,0 | 70x70 | 115 |
| 25 | 68 | 31 | 38% | 17,60 | 16,26 | 2,02 | 2,6 | 55 | 46 | 1,0 | 75x75 | 135 |
| 32 | 71 | 38 | 38% | 29,15 | 26,60 | 1,97 | 2,37 | 55 | 46 | 1,0 | 75x75 | 135 |
| 40 | 91 | 47 | 38% | 46,10 | 41,80 | 1,93 | 2,34 | 67 | 56 | 1,0 | 90x90 | 170 |
| 50 | 105 | 57 | 38% | 71,60 | 63,70 | 1,95 | 2,46 | 74 | 66 | 1,0 | 98x98 | 190 |
| 65 | 123 | 73 | 38% | 119,50 | 105,40 | 2,00 | 2,57 | 94 | 83 | 1,0 | 111x111 | 220 |
| 80 | 144 | 88 | 36% | 173,50 | 144,00 | 2,18 | 3,16 | 109 | 100 | 1,0 | 136x136 | 265 |
| 100 | 184 | 108 | 36% | 217,50 | 196,70 | 3,38 | 4,14 | 134 | 120 | 1,0 | Ø 194 | 340 |
| 125 | 221 | 135 | 36% | 364,40 | 320,00 | 2,94 | 3,81 | 169 | 150 | 1,5 | Ø 234 | 410 |
| 150 | 260 | 160 | 36% | 537,00 | 468,00 | 2,81 | 3,70 | 194 | 175 | 1,5 | Ø 264 | 475 |
| 200 | 360 | 208 | 36% | 820,00 | 769,00 | 3,81 | 4,33 | 240 | 209 | 2,0 | Ø 290 | 580 |
| 250 | 335 | 227 | 35% | 1260,00 | 1108,00 | 3,94 | 5,09 | 319 | 275 | 2,0 | Ø 345 | 830 |
| 300 | 390 | 275 | 35% | 1735,00 | 1520,00 | 4,31 | 5,61 | 379 | 320 | 2,0 | Ø 401 | 950 |
| 350 | 633 | 360 | 35% | 1230,00 | 953,00 | 4,20 | 5,10 | 396 | 360 | 2,00 | Ø 530 | 950 |
| 400 | 710 | 410 | 35% | 1405,00 | 1089,00 | 3,50 | 4,20 | 450 | 410 | 2,00 | Ø 580 | 1150 |

DIMENSIONS KEY

| | |
|------|--|
| DN | Nominal diameter |
| L | Face to face dimension (mm) |
| A | Centre line of pipe to end of cover (mm) |
| L1 | Screen length (mm) |
| D1 | Screen diameter (mm) |
| Fo | Free screen area standard element (mm) |
| KVS1 | KVS-Value standardscreen (m3/h) |
| KVS2 | KVS-Value fine screen (m3/h) |
| Zet1 | Zeta-Value standardscreen |
| Zet2 | Zeta-Value fine screen |
| Ø G | Outer-diameter coverflange gasket (mm) |
| Ø R | Inner-diameter coverflange gasket (mm) |
| P | Thickness coverflange gasket (mm) |
| D | Coverflange size |
| B | Distance required to remove screen (mm) |

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for all your filter requirements