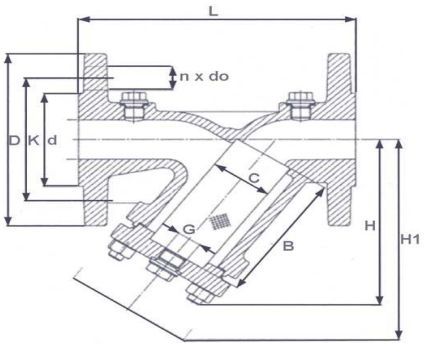



# JV150003

## Cast Iron Y Type Strainer

## Flanged PN16

The JV150003 is an economical cast iron Y type strainer with a stainless steel screen, ideally suited for water applications to protect meters, pumps, valves and other pipeline equipment.

### Approvals, Features & Benefits

- Economical
- Y type for efficient straining
- Easy to remove screen for cleaning
- Drain plug

### Pressure & Temperature

Maximum pressure:-

16 bar

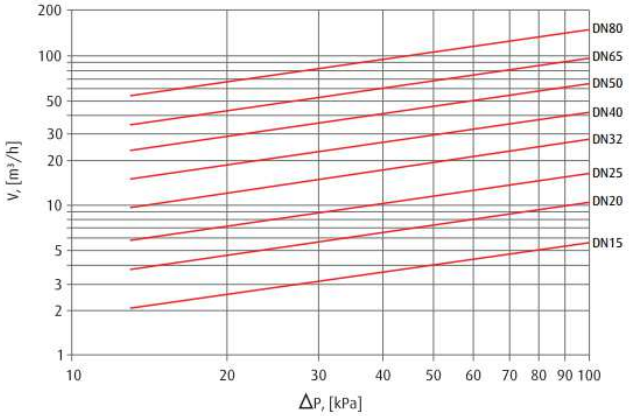
Temperature range:-

9.6 bar @ 300°C
16 bar @ -10°C to 120°C

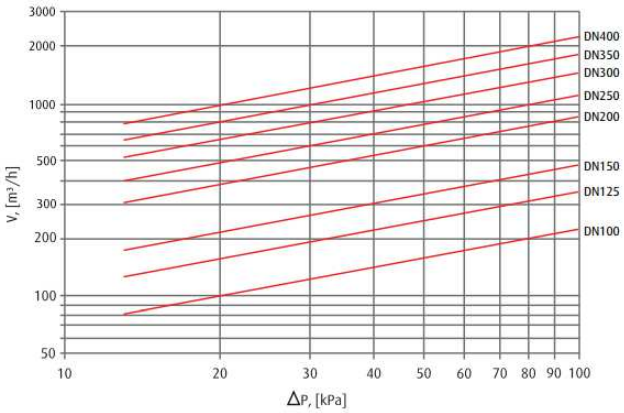
| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 | 400 | 480 | 600 | 730 | 850 | 980 | 1100 |
| D | 95 | 105 | 115 | 140 | 150 | 165 | 185 | 200 | 220 | 250 | 285 | 340 | 405 | 460 | 520 | 580 |
| d | 46 | 56 | 65 | 76 | 84 | 99 | 118 | 132 | 156 | 184 | 211 | 266 | 319 | 370 | 429 | 480 |
| K | 65 | 75 | 85 | 100 | 110 | 125 | 145 | 160 | 180 | 210 | 240 | 295 | 355 | 410 | 470 | 525 |
| n x do | 4 x 14 | 4 x 14 | 4 x 14 | 4 x 19 | 4 x 19 | 4 x 19 | 4 x 19 | 8 x 19 | 8 x 19 | 8 x 19 | 8 x 23 | 12 x 23 | 12 x 28 | 12 x 28 | 16 x 28 | 16 x 31 |
| H | 90 | 100 | 115 | 135 | 150 | 160 | 180 | 215 | 240 | 280 | 330 | 405 | 540 | 680 | 755 | 835 |
| H1 | 135 | 160 | 180 | 215 | 240 | 250 | 285 | 330 | 395 | 455 | 525 | 650 | 870 | 1110 | 1250 | 1370 |
| G BSP | ⅜" | ⅜" | ¾" | ¾" | 1" | 1" | 1" | 1" | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" | 1½" |
| Kv | 5.7 | 10.4 | 16.4 | 27.3 | 42.0 | 64.7 | 98.0 | 149 | 234 | 376 | 454 | 853 | 1104 | 1450 | 1800 | 2200 |
| C | 23 | 28 | 36 | 42 | 50 | 61.5 | 78.5 | 89.5 | 109.5 | 137.5 | 160 | 210 | 258 | 308 | 365 | 415 |
| B | 56 | 68 | 85 | 98 | 114 | 119 | 134 | 149 | 169 | 199 | 224 | 284 | 434 | 555 | 640 | 695 |
| Mesh | 1 | 1 | 1 | 1 | 1 | 1 | 1.25 | 1.25 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| Weight Kg | 2.6 | 3 | 4.3 | 6.8 | 8.8 | 11 | 14.6 | 18.6 | 27 | 38.5 | 54.5 | 111 | 165 | 285 | 373 | 540 |

| MATERIALS | |
|---|---|
| Body & Bonnet | Cast Iron (EN-GJL-250 J1040) |
| Screen & Supporting Bonnet | Stainless Steel (X5CrNi18-10 1.4301) |
| Studs & Hexagon Nuts | Steel (8.8-A2A) |
| Emptying Screw & Plug | Steel (C35E) |
| Plug Gasket | A4 1.4571 |
| Bonnet Gasket | CrNiSt—Graphite |

### Flow Data (DN15-80)




### Flow Data (DN100-400)






All data is designed as a guide and should not be regarded as wholly accurate in every detail
© G.J. Johnson & Sons Ltd
Datasheet No. 150003 - 01/22