



CHECK VALVE

PROFLEX™ 730

Duckbill Slip-on



The ProFlex™ 730 Slip-on Rubber Duckbill Check Valve is designed to slip directly over an existing pipe, and is supplied with heavy duty stainless steel clamp(s) to secure it in place. Sizes 1" – 10" utilize T-Bolt clamps and sizes above 10" utilize Bolt-On Clamps for securing.

The ProFlex™ 730 Slip-on Rubber Duckbill Check Valve can be designed and manufactured to slip over any outside diameter pipe including oval and rectangular configurations.

For higher pressure/vacuum requirements, the ProFlex™ 730 Slip-on Rubber Duckbill Check Valve can also be manufactured using a unique Internal Vacuum Supports (IVS) design which is homogeneous to the inner reinforced layers of the valve allowing a full flow with no obstructions and yet providing excellent anti-inversion features.

Available Elastomers: Neoprene (Barnacle and Algae Resistant), NSF/ANSI Standard 61, EPDM, Nitrile, Natural Rubber, CSM and Chlorobutyl.



| SIZES • WEIGHTS | | | | | | | | |
|---|-----------------------|-------------------|----------------------------|----|------|--------|------------------------------|--------|
| Nominal Pipe Size ¹ inch/mm | STANDARD DIMENSIONS | | | | | | Weight ² (kgs) | |
| | Cuff Width inch/mm | Length inch/mm | Duckbill Height inch/mm | | | | | |
| 1 | 25 | 1.00 | 25 | 4 | 105 | 2.60 | 66 | 0.30 |
| 1.5 | 40 | 1.00 | 25 | 5 | 128 | 3.20 | 82 | 0.40 |
| 2 | 50 | 2.00 | 38 | 6 | 156 | 3.90 | 98 | 1.20 |
| 2.5 | 65 | 2.00 | 51 | 7 | 189 | 5.10 | 130 | 1.40 |
| 3 | 80 | 3.00 | 76 | 10 | 242 | 5.50 | 140 | 2.30 |
| 4 | 100 | 3.00 | 76 | 12 | 308 | 7.40 | 187 | 3.20 |
| 5 | 125 | 3.00 | 76 | 13 | 339 | 9.40 | 240 | 4.60 |
| 6 | 150 | 4.00 | 102 | 18 | 395 | 10.50 | 267 | 5.50 |
| 8 | 200 | 4.00 | 102 | 18 | 452 | 13.70 | 349 | 9.10 |
| 10 | 250 | 4.00 | 102 | 21 | 527 | 17.30 | 440 | 15.00 |
| 12 | 300 | 6.00 | 152 | 26 | 669 | 20.50 | 520 | 26.80 |
| 14 | 350 | 6.00 | 152 | 30 | 733 | 24.20 | 584 | 34.50 |
| 16 | 400 | 6.00 | 152 | 33 | 769 | 27.60 | 615 | 40.90 |
| 18 | 450 | 6.00 | 152 | 36 | 828 | 31.10 | 700 | 59.00 |
| 20 | 500 | 8.00 | 203 | 37 | 945 | 32.30 | 790 | 90.80 |
| 24 | 600 | 8.00 | 203 | 44 | 1119 | 38.60 | 820 | 97.60 |
| 28 | 700 | 8.00 | 203 | 48 | 1213 | 44.90 | 980 | 165.60 |
| 30 | 750 | 10.00 | 254 | 51 | 1301 | 49.20 | 1140 | 208.70 |
| 32 | 800 | 10.00 | 254 | 53 | 1344 | 51.60 | 1310 | 224.60 |
| 36 | 900 | 10.00 | 254 | 61 | 1541 | 59.40 | 1510 | 265.40 |
| 40 | 1000 | 12.00 | 305 | 62 | 1570 | 65.80 | 1670 | 374.2 |
| 42 | 1050 | 12.00 | 305 | 66 | 1673 | 37.30 | 1710 | 487.70 |
| 48 | 1200 | 12.00 | 305 | 74 | 1868 | 75.20 | 1910 | 612.40 |
| 54 | 1350 | 12.00 | 305 | 78 | 1981 | 83.10 | 2110 | 739.40 |
| 60 | 1500 | 12.00 | 305 | 84 | 2130 | 85.00 | 2160 | 778.00 |
| 72 | 1800 | 12.00 | 305 | 97 | 2452 | 111.40 | 2830 | 861.90 |

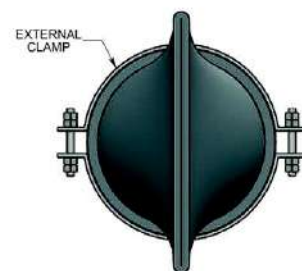
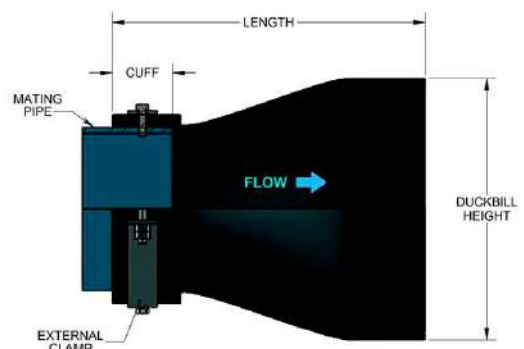
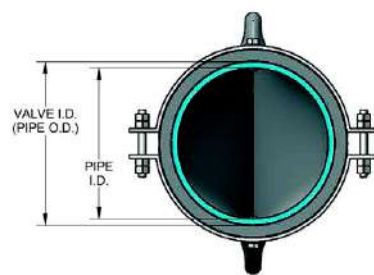
Notes: Higher back pressures can be provided by using internal vacuum supports and/or engineered Hi-Tensile reinforcement, contact KLINGER Portugal.

1. Dimensions are approximate and may change due to pipe dimension changes, inlet, back pressures and flow rates.

2. Larger sizes available upon request.

3. Weights are approximate.

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Detail of the ProFlex™ Slip-on Rubber Check Valve; Style 730



www.klinger.pt