



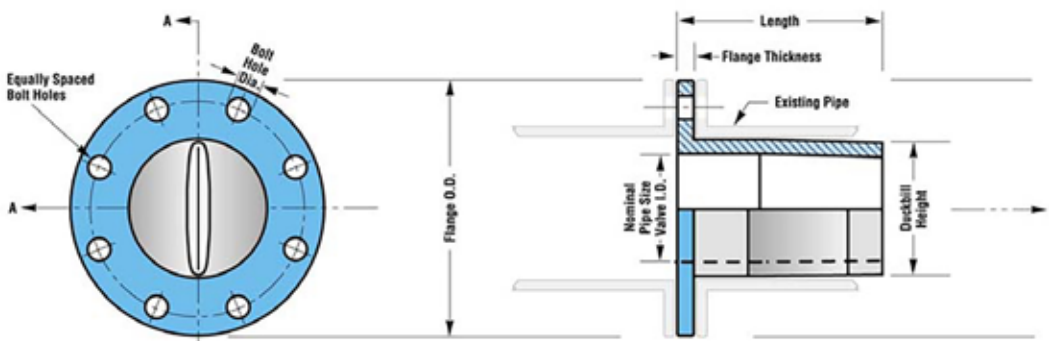
LarFlex Type 72 Rubber Check Valves

The type 72 is supplied with a flat face rubber flange which allows installation between existing pipe flanges eliminating the requirements for a valve body. The flanged design fits directly inside of an existing pipe.



Flowrox “Chemical to Elastomer Guide”

| Flowrox style number | Cover Elastomer | Tube Elastomer | Max. Operating Temp °F (°C) | | Branding Label Color | F.S.A. Material Class |
|----------------------|-----------------|----------------|-----------------------------|--------|----------------------|-----------------------|
| 72/BB | Chlorobutyl | Chlorobutyl | 250° | (121°) | Black | STD. III |
| 72/EE | EPDM | EPDM | 250° | (121°) | Red | STD. III |
| 72/NH | Neoprene | Hypalon® | 212° | (100°) | Green | STD. II |
| 72/NN | Neoprene | Neoprene | 225° | (107°) | Blue | STD. II |
| 72/PP | Nitrile | Nitrile | 212° | (100°) | Yellow | STD. II |
| 72/NV | Neoprene | Viton® | 225° | (107°) | Orange | STD. III |



Technical Details:

- All rubber construction resists abrasive slurries
- NSF61 is standard construction
- Very quiet operation with no water hammer
- Its unique design prevents backflow
- Negligible maintenance and energy costs
- Quick interchange with a any flap type check valve
- Will not warp or freeze
- Available in sizes 1” - 72”
- Available to suit all type of IDs

Standard Dimensions for Type 72

| Normal Pipe Size IN (amm) | Standard Dimensions | | Standard Drilling | | | | Weight LBS (kgs) |
|---------------------------|---------------------|------------------------|--------------------|---------------------|--------------|-----------------------|------------------|
| | Length IN (mm) | Duckbill Heigh IN (mm) | Flange O.D IN (mm) | Bolt circle IN (mm) | No. of Holes | Size of Holes IN (mm) | |
| 2 (50) | 5.75 (146) | 1.875 (47.63) | 6 (152.4) | 4.75 (120.65) | 4 | .75 (19.1) | 5 (2.3) |
| 3 (80) | 9 (229) | 2.875 (73.03) | 7.5 (190.5) | 6 (152.4) | 4 | .75 (19.1) | 8 (3.6) |
| 4 (100) | 12 (305) | 3.875 (98.43) | 9 (228.6) | 7.5 (190.5) | 8 | .75 (19.1) | 11 (5.0) |
| 5 (125) | 15 (381) | 4.875 (123.83) | 10 (254) | 8.5 (215.9) | 8 | .875 (22.2) | 13 (5.9) |
| 6 (150) | 15.5 (394) | 5.875 (149.23) | 11 (279.4) | 9.5 (241.3) | 8 | .875 (22.2) | 17 (7.7) |
| 8 (200) | 16.5 (419) | 7.875 (200.03) | 13.5 (342.9) | 11.75 (298.45) | 8 | .875 (22.2) | 20 (9.1) |
| 10 (250) | 21 (533) | 9.875 (250.83) | 16 (406.4) | 14.25 (361.95) | 12 | 1 (25.4) | 29 (13.2) |
| 12 (300) | 26 (660) | 11.875 (301.63) | 19 (482.6) | 17 (431.8) | 12 | 1 (25.4) | 47 (21.3) |
| 14 (350) | 25 (635) | 13.000 (349.25) | 21 (533.4) | 18.75 (476.25) | 12 | 1.125 (28.6) | 61 (27.7) |
| 16 (400) | 27 (686) | 15.000 (400.05) | 23.5 (596.9) | 21.25 (539.75) | 16 | 1.25 (31.8) | 94 (42.6) |
| 18 (450) | 29 (737) | 17.000 (450.85) | 25 (635) | 22.75 (577.85) | 16 | 1.125 (31.8) | 158 (71.7) |
| 20 (500) | 34 (864) | 19.000 (501.65) | 27.5 (698.5) | 25 (635) | 20 | 1.25 (31.8) | 234 (106.1) |
| 24 (600) | 44 (1118) | 23.000 (603.25) | 32 (812.8) | 29.5 (749.3) | 20 | 1.375 (34.9) | 308 (139.7) |
| 28 (700) | 47 (1194) | 27.000 (686.80) | 36.5 (927.1) | 34 (863.6) | 28 | 1.375 (34.9) | 362 (164.2) |
| 30 (750) | 49 (1245) | 29.000 (736.60) | 38.75 (984.25) | 36 (914.4) | 28 | 1.375 (34.9) | 417 (189.1) |
| 32 (800) | 54 (1372) | 31.000 (787.40) | 41.75 (1060.45) | 38.5 (977.9) | 28 | 1.625 (41.3) | 454 (206) |
| 36 (900) | 59 (1499) | 35.000 (889.00) | 46 (1168.4) | 42.75 (1085.85) | 32 | 1.625 (41.3) | 499 (226.3) |
| 42 (1050) | 63 (1600) | 41.000 (1041.40) | 53 (1346.2) | 49.5 (1257.3) | 36 | 1.625 (41.3) | 729 (330.7) |
| 48 (1350) | 74 (1880) | 47.000 (1193.80) | 59.5 (1511.3) | 56 (1422.4) | 44 | 1.625 (41.3) | 754 (342.0) |
| 54 (1350) | 75 (1905) | 53.000 (1346.20) | 66.25 (1682.75) | 62.75 (1593.85) | 44 | 2 (50.8) | 813 (368.8) |
| 60 (1500) | 83 (2108) | 59.000 (1498.60) | 73 (1854.2) | 69.25 (1758.95) | 52 | 2 (50.8) | 964 (437.3) |

Maximum Working Pressure

- 2" to 3" - 125 psig
- 4" - 100 psig
- 5" to 8" - 75 psig
- 10" to 16" - 50 psig
- 18" to 72" - 24 psig
- Higher back pressures can be obtained by using Internal supports, contact Factory.
- Dimensions are approximate and may change due to pipe dimension changes, inlet, back pressures & flow rates.
- Larger sizes available upon request.
- Weights are approximate.



Flowrox, INC.
808 Barkwood Ct Suite N
Linthicum, MD 21090
Tel. 410.636.2250

www.flowrox.com
info@flowrox.com

