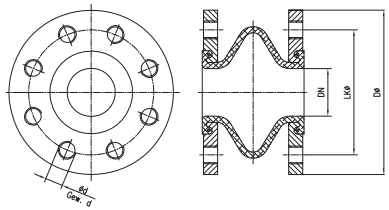
# Flange Mating Dimensions

| DN | PN 6 øD mm | PN 6 øpc mm | PN 6 n | PN 6 ød mm | PN 6 Thread d | PN 10 øD | PN 10 øPC mm | PN 10 n | PN 10 ød mm | PN 10 Thread d | PN 16 øD | PN 16 ø pc mm | PN 16 n | PN 16 ød mm | PN 16 Thread d | PN 25 øD | PN 25 øpc mm | PN 25 n | PN 25 ød mm | PN 25 Thread d | ASA 150 lb. øD | ASA 150 lb. ø pc mm | ASA 150 lb. n | ASA 150 lb. ød mm | ASA 150 lb. Thread d | DN inch |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **25** | 100 | 75 | 4 | 11 | M10 | 115 | 85 | 4 | 14 | M12 | 115 | 85 | 4 | 14 | M12 | - | - | - | - | - | 108.0 | 79.2 | 4 | 15.7 | 1/2 | **1** |
| **32** | 120 | 90 | 4 | 14 | M12 | 140 | 100 | 4 | 18 | M16 | 140 | 100 | 4 | 18 | M16 | - | - | - | - | - | 117.0 | 89.0 | 4 | 15.7 | 1/2 | **1 1/4** |
| **40** | 130 | 100 | 4 | 14 | M12 | 150 | 110 | 4 | 18 | M16 | 150 | 110 | 4 | 18 | M16 | 150 | 110 | 4 | 18 | M16 | 127.0 | 98.4 | 4 | 15.7 | 1/2 | **1 1/2** |
| **50** | 140 | 110 | 4 | 14 | M12 | 165 | 125 | 4 | 18 | M16 | 165 | 125 | 4 | 18 | M16 | 165 | 125 | 4 | 18 | M16 | 152.4 | 120.6 | 4 | 19.0 | 5/8 | **2** |
| **65** | 160 | 130 | 4 | 14 | M12 | 185 | 145 | 4 | 18 | M16 | 185 | 145 | 4 | 18 | M16 | 185 | 145 | 8 | 18 | M16 | 177.8 | 139.7 | 4 | 19.0 | 5/8 | **2 1/2** |
| **80** | 190 | 150 | 4 | 18 | M16 | 200 | 160 | 8 | 18 | M16 | 200 | 160 | 8 | 18 | M16 | 200 | 160 | 8 | 18 | M16 | 190.5 | 152.4 | 4 | 19.0 | 5/8 | **3** |
| **100** | 210 | 170 | 4 | 18 | M16 | 220 | 180 | 8 | 18 | M16 | 220 | 180 | 8 | 18 | M16 | 235 | 190 | 8 | 22 | M20 | 228.6 | 190.5 | 8 | 19.0 | 5/8 | **4** |
| **125** | 240 | 200 | 8 | 18 | M16 | 250 | 210 | 8 | 18 | M16 | 250 | 210 | 8 | 18 | M16 | 270 | 220 | 8 | 26 | M24 | 254.0 | 215.9 | 8 | 22.2 | 3/4 | **5** |
| **150** | 265 | 225 | 8 | 18 | M16 | 285 | 240 | 8 | 22 | M20 | 285 | 240 | 8 | 22 | M20 | 300 | 250 | 8 | 26 | M24 | 279.4 | 241.3 | 8 | 22.2 | 3/4 | **6** |
| **175** | 295 | 255 | 8 | 18 | M16 | 315 | 270 | 8 | 22 | M20 | 315 | 270 | 8 | 22 | M20 | 330 | 280 | 12 | 26 | M24 | 311.2 | 269.9 | 8 | 22.2 | 3/4 | **7** |
| **200** | 320 | 280 | 8 | 18 | M16 | 340 | 295 | 8 | 22 | M20 | 340 | 295 | 12 | 22 | M20 | 360 | 310 | 12 | 26 | M24 | 342.9 | 298.4 | 8 | 22.2 | 3/4 | **8** |
| **250** | 375 | 335 | 12 | 18 | M16 | 395 | 350 | 12 | 22 | M20 | 405 | 355 | 12 | 26 | M24 | 425 | 370 | 12 | 30 | M27 | 406.4 | 361.9 | 12 | 25.4 | 7/8 | **10** |
| **300** | 440 | 395 | 12 | 22 | M20 | 445 | 400 | 12 | 22 | M20 | 460 | 410 | 12 | 26 | M24 | 485 | 430 | 16 | 30 | M27 | 482.6 | 431.8 | 12 | 25.4 | 7/8 | **12** |
| **350** | 490 | 445 | 12 | 22 | M20 | 505 | 460 | 16 | 22 | M20 | 520 | 470 | 16 | 26 | M24 | 555 | 490 | 16 | 33 | M30 | 533.4 | 476.2 | 12 | 28.6 | 1 | **14** |
| **400** | 540 | 495 | 16 | 22 | M20 | 565 | 515 | 16 | 26 | M24 | 580 | 525 | 16 | 30 | M27 | 620 | 550 | 16 | 36 | M33 | 596.9 | 539.7 | 16 | 28.6 | 1 | **16** |
| **450** | 595 | 550 | 16 | 22 | M20 | 615 | 565 | 20 | 26 | M24 | 640 | 585 | 20 | 30 | M27 | - | - | - | - | - | 635.0 | 577.8 | 16 | 31.7 | 1 1/8 | **18** |
| **500** | 645 | 600 | 20 | 22 | M20 | 670 | 620 | 20 | 26 | M24 | 715 | 650 | 20 | 33 | M30 | 730 | 660 | 20 | 36 | M33 | 698.5 | 635.0 | 20 | 31.7 | 1 1/8 | **20** |
| **600** | 755 | 705 | 20 | 26 | M24 | 780 | 725 | 20 | 30 | M27 | 840 | 770 | 20 | 36 | M33 | 845 | 770 | 20 | 39 | M36 | 812.8 | 749.3 | 20 | 34.9 | 1 1/4 | **24** |
| **700** | 860 | 810 | 24 | 26 | M24 | 895 | 840 | 24 | 30 | M27 | 910 | 840 | 24 | 36 | M33 | 960 | 875 | 24 | 42 | M39 | 927.1 | 863.6 | 24 | 34.9 | 1 1/4 | **28** |
| **750** | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 984.2 | 914.4 | 28 | 34.9 | 1 1/4 | **30** |
| **800** | 975 | 920 | 24 | 30 | M27 | 1015 | 950 | 24 | 33 | M30 | 1025 | 950 | 24 | 39 | M36 | 1085 | 990 | 24 | 48 | M45 | 1060.4 | 977.9 | 28 | 41.3 | 1 1/2 | **32** |
| **900** | 1075 | 1020 | 24 | 30 | M27 | 1115 | 1050 | 28 | 33 | M30 | 1125 | 1050 | 28 | 39 | M36 | 1185 | 1090 | 28 | 48 | M45 | 1168.4 | 1085.8 | 32 | 41.3 | 1 1/2 | **36** |
| **1000** | 1175 | 1120 | 28 | 30 | M27 | 1230 | 1160 | 28 | 36 | M33 | 1255 | 1170 | 28 | 42 | M39 | 1320 | 1210 | 28 | 56 | M52 | 1289.0 | 1200.1 | 36 | 41.3 | 1 1/2 | **40** |
| **1100** | 1290 | 1230 | 28 | 33 | M30 | 1345 | 1270 | 32 | 36 | M33 | 1370 | 1280 | 28 | 48 | M45 | - | - | - | - | - | | | | | | |
| **1200** | 1405 | 1340 | 32 | 33 | M30 | 1455 | 1380 | 32 | 39 | M36 | 1485 | 1390 | 32 | 48 | M45 | 1530 | 1420 | 32 | 62 | M56 | | | | | | |
| **1300** | 1520 | 1450 | 32 | 36 | M33 | 1565 | 1485 | 32 | 42 | M39 | 1585 | 1490 | 36 | 48 | M45 | - | - | - | - | - | | | | | | |
| **1400** | 1630 | 1560 | 36 | 36 | M33 | 1675 | 1590 | 36 | 42 | M39 | 1685 | 1590 | 36 | 48 | M45 | 1755 | 1640 | 36 | 62 | M56 | | | | | | |
| **1500** | 1730 | 1660 | 36 | 36 | M33 | 1795 | 1705 | 36 | 48 | M45 | 1810 | 1705 | 36 | 56 | M52 | - | - | - | - | - | | | | | | |
| **1600** | 1830 | 1760 | 40 | 36 | M33 | 1915 | 1820 | 40 | 48 | M45 | 1930 | 1820 | 40 | 56 | M52 | 1975 | 1860 | 40 | 62 | M56 | | | | | | |
| **1700** | 1940 | 1865 | 40 | 39 | M36 | 2015 | 1920 | 44 | 48 | M45 | 2030 | 1920 | 44 | 56 | M52 | - | - | - | - | - | | | | | | |
| **1800** | 2045 | 1970 | 44 | 39 | M36 | 2115 | 2020 | 44 | 48 | M45 | 2130 | 2020 | 44 | 56 | M52 | 2195 | 2070 | 44 | 70 | M64 | | | | | | |
| **1900** | 2155 | 2075 | 44 | 42 | M39 | 2220 | 2125 | 48 | 48 | M45 | 2240 | 2125 | 44 | 62 | M56 | - | - | - | - | - | | | | | | |
| **2000** | 2265 | 2180 | 48 | 42 | M39 | 2325 | 2230 | 48 | 48 | M45 | 2345 | 2230 | 48 | 62 | M56 | 2445 | 2300 | 48 | 70 | M64 | | | | | | |
| **2100** | 2375 | 2285 | 48 | 42 | M39 | 2440 | 2335 | 48 | 56 | M52 | - | - | - | - | - | - | - | - | - | - | | | | | | |
| **2200** | 2475 | 2390 | 52 | 42 | M39 | 2550 | 2440 | 52 | 56 | M52 | 2555 | 2440 | 52 | 62 | M56 | - | - | - | - | - | | | | | | |
| **2400** | 2685 | 2600 | 56 | 42 | M39 | 2760 | 2650 | 56 | 56 | M52 | 2765 | 2650 | 56 | 62 | M56 | - | - | - | - | - | | | | | | |