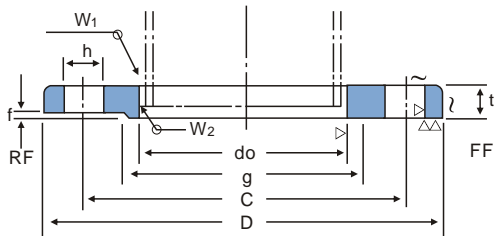


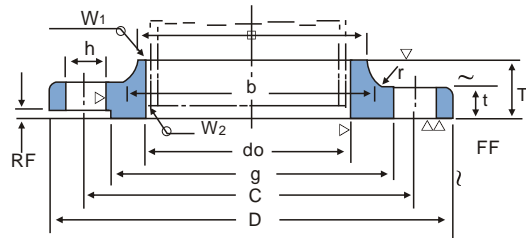


10K

NOMINAL SIZE 10-225mm



NOMINAL SIZE 250-1000mm



Unit :mm

| Nominal Bore of Flange | Outside Dia. of Appli- Cabel pipe | Inside Dia. of Flange do | Outside Dia. of Flange D | Sectional Dimensions of Flange | | | | | | | Dia. of Bolt | | | Nominal Bolt Size | Welding Length (Reference) | | Approx Weigh (kg /w) |
|------------------------|-----------------------------------|--------------------------|--------------------------|--------------------------------|----|-------------|------|----------|---------------|-----------------------|--------------------|----------------------|-------------|-------------------|----------------------------|-----|----------------------|
| | | | | t | T | Dia. of Hub | | Radius r | Raised Face f | Dia. of Raised Face g | Bolt Circle Dia. c | Number of Bolt Holes | Hole Dia. h | | W1 | W2 | |
| | | | | | | a | b | | | | | | | | | | |
| 10 | 17.3 | 17.8 | 90 | 12 | - | - | - | - | 1 | 46 | 65 | 4 | 15 | M12 | 5 | 2.5 | 0.52 |
| 15 | 21.7 | 22.2 | 95 | 12 | - | - | - | - | 1 | 51 | 70 | 4 | 15 | M12 | 5 | 3 | 0.57 |
| 20 | 27.2 | 27.7 | 100 | 14 | - | - | - | - | 1 | 56 | 75 | 4 | 15 | M12 | 5 | 3 | 0.73 |
| 25 | 34 | 34.5 | 125 | 14 | - | - | - | - | 1 | 67 | 90 | 4 | 19 | M16 | 5 | 3 | 1.13 |
| 32 | 42.7 | 43.2 | 135 | 16 | - | - | - | - | 2 | 76 | 100 | 4 | 19 | M16 | 6 | 3 | 1.48 |
| (40) | 48.6 | 49.1 | 140 | 16 | - | - | - | - | 2 | 81 | 105 | 4 | 19 | M16 | 6 | 3 | 1.56 |
| 50 | 60.5 | 61.1 | 155 | 16 | - | - | - | - | 2 | 96 | 120 | 4 | 19 | M16 | 6 | 3 | 1.88 |
| 65 | 76.3 | 77.1 | 175 | 18 | - | - | - | - | 2 | 116 | 140 | 4 | 19 | M16 | 6.5 | 4 | 2.6 |
| 80 | 89.1 | 90 | 185 | 18 | - | - | - | - | 2 | 126 | 150 | 8 | 19 | M16 | 6.5 | 4 | 2.61 |
| (90) | 101.6 | 90 | 185 | 18 | - | - | - | - | 2 | 126 | 150 | 8 | 19 | M16 | 6.5 | 4 | 2.61 |
| 100 | 114.3 | 102.6 | 195 | 18 | - | - | - | - | 2 | 136 | 160 | 8 | 19 | M16 | 6.5 | 4 | 2.76 |
| 125 | 139.8 | 115.4 | 210 | 18 | - | - | - | - | 2 | 151 | 175 | 8 | 19 | M16 | 7 | 4 | 3.14 |
| 150 | 165.2 | 141.2 | 250 | 20 | - | - | - | - | 2 | 182 | 210 | 8 | 23 | M20 | 7.5 | 4 | 4.77 |
| (175) | 190.7 | 166.6 | 280 | 22 | - | - | - | - | 2 | 212 | 240 | 8 | 23 | M20 | 8 | 5 | 6.34 |
| 200 | 216.3 | 192.1 | 305 | 22 | - | - | - | - | 2 | 237 | 265 | 12 | 23 | M20 | 9 | 5 | 6.82 |
| (225) | 241.8 | 218 | 330 | 22 | - | - | - | - | 2 | 262 | 290 | 12 | 23 | M20 | 9 | 6 | 7.53 |
| 250 | 267.4 | 243.7 | 350 | 22 | - | - | - | - | 2 | 282 | 310 | 12 | 23 | M20 | 9 | 6 | 7.74 |
| 300 | 318.5 | 269.5 | 400 | 24 | 36 | 288 | 292 | 6 | 2 | 324 | 355 | 12 | 25 | M22 | 10 | 6 | 12.7 |
| 350 | 406.4 | 321 | 445 | 24 | 38 | 340 | 346 | 6 | 3 | 368 | 400 | 16 | 25 | M22 | 10 | 6 | 13.8 |
| 400 | 457.2 | 358.1 | 490 | 26 | 42 | 380 | 386 | 6 | 3 | 413 | 445 | 16 | 25 | M22 | 12 | 7 | 18.2 |
| 450 | 508.0 | 409 | 560 | 28 | 44 | 436 | 442 | 6 | 3 | 475 | 510 | 16 | 27 | M22 | 12 | 7 | 25.2 |
| 500 | 558.8 | 460 | 620 | 30 | 48 | 496 | 502 | 6 | 3 | 530 | 565 | 20 | 27 | M24 | 14 | 8 | 33 |
| 550 | 609.6 | 511 | 675 | 30 | 48 | 548 | 554 | 6 | 3 | 585 | 620 | 20 | 27 | M24 | 14 | 8 | 37.6 |
| 600 | 660.4 | 562 | 745 | 32 | 52 | 604 | 610 | 6 | 3 | 640 | 680 | 20 | 33 | M30 | 15 | 9 | 49.7 |
| 650 | 711.2 | 613 | 795 | 32 | 52 | 656 | 662 | 6 | 3 | 690 | 730 | 24 | 33 | M30 | 16 | 10 | 52.6 |
| 700 | 812.8 | 664 | 845 | 34 | 56 | 706 | 712 | 6 | 3 | 740 | 780 | 24 | 33 | M30 | 16 | 10 | 60.6 |
| 750 | 863.6 | 715 | 905 | 34 | 58 | 762 | 770 | 6 | 3 | 800 | 840 | 24 | 33 | M30 | 17 | 10 | 70.6 |
| 800 | 914.4 | 766 | 970 | 36 | 62 | 816 | 824 | 6 | 3 | 855 | 900 | 24 | 33 | M30 | 18 | 11 | 85.8 |
| 850 | 1016 | 817 | 1020 | 36 | 64 | 868 | 876 | 6 | 3 | 905 | 950 | 28 | 33 | M30 | 19 | 12 | 91.2 |
| (900) | 1117.6 | 868 | 1070 | 36 | 66 | 920 | 928 | 6 | 3 | 955 | 1000 | 28 | 33 | M30 | 19 | 12 | 98.6 |
| 950 | 1219.2 | 919 | 1120 | 38 | 70 | 971 | 979 | 6 | 3 | 1005 | 1050 | 28 | 33 | M30 | 22 | 14 | 109 |
| 1000 | 1371.6 | 1021 | 1235 | 40 | 74 | 1073 | 1081 | 6 | 3 | 1110 | 1160 | 28 | 39 | M36 | 22 | 14 | 133 |
| (1100) | 1524.0 | 1123 | 1345 | 42 | 76 | - | - | - | 3 | 1220 | 1270 | 28 | 39 | M36 | - | - | - |
| *1200 | - | 1225 | 1465 | 44 | 78 | - | - | - | 3 | 1325 | 1380 | 32 | 39 | M36 | - | - | - |
| *1350 | - | - | 1630 | 48 | 82 | - | - | - | 3 | 1460 | 1540 | 36 | 45 | M42 | - | - | - |
| *1500 | - | - | 1795 | 50 | 90 | - | - | - | 3 | 1635 | 1700 | 40 | 45 | M42 | - | - | - |

(1) Flanges of parenthesized nominal diameter had letter not be used.
 (2) The facing of flanges shall conform to KS B1519(JIS B2202)1984.
 (3)Nominal diameter over 1000 is manufacturer's standard().