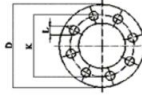


Dimensions of PN 63 flanges



Flanges acc. to EN 1092-1



Typ 01

Typ 05

Typ 11



Typ 12

Typ 13

Typ 21

| Nominal diameter DN | Mating Dimension | | | | | Outside diameter of neck | Bore diameter | | | Flange thickness | | | | Chamfer | Collar thickness | Diameter of shoulder | length | | | Neck diameter | | | Corner Radius | Neck thickness (Preferred value) | | |
|----------------------------------|----------------------|-------------------------|------------------------|---------|------|--------------------------|----------------|----|----|------------------|----------------|-----|----|----------|------------------|----------------------|----------|----------|----------|---------------|----------|------|----------------|----------------------------------|---|---|
| | Outside diameter | Diameter of bolt circle | Diameter of bolt holes | Bolting | | | B1 | B2 | B3 | C1 | C2 | C3 | C4 | | | | H1 | H2 | H3 | N1 | N2 | N3 | | | R | S |
| | D | K | L | No | size | | A | | | | | | | | | | | | | | | | | | | |
| Flange type | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01,02,05,11,12,13,21 | | | | | | 11 21* 34 | 01 12 32 | 02 | 04 | 01 02 04 | 11 12 13 | 21 | 05 | 02 04 | 32 34 | 05 | 12 13 | 11 34 | 11 34 | 11 34 | 12 13 | 21 | 11 12 21 | 11 34 | | |
| 10 15 20 25 32 40 | Use PN 100 Dimension | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 180 | 135 | 22 | 4 | M20 | 60,3 | 61,5 | - | - | 26 | 26 | 26 | 26 | - | - | - | 36 | 62 | 10 | 82 | 90 | 90 | 6 | 2,9 | | |
| 65 | 205 | 160 | 22 | 8 | M20 | 76,1 | 77,5 | - | - | 26 | 26 | 26 | 26 | - | - | 45 | 40 | 68 | 12 | 98 | 112 | 105 | 6 | 3,2 | | |
| 80 | 215 | 170 | 22 | 8 | M20 | 88,9 | 90,5 | - | - | 30 | 28 | 28 | 28 | - | - | 60 | 44 | 72 | 12 | 112 | 125 | 122 | 8 | 3,6 | | |
| 100 | 250 | 200 | 26 | 8 | M24 | 114,3 | 116,0 | - | - | 32 | 30 | 30 | 30 | - | - | 80 | 52 | 78 | 12 | 138 | 152 | 146 | 8 | 4,0 | | |
| 125 | 295 | 240 | 30 | 8 | M27 | 139,7 | 141,5 | - | - | 34 | 34 | 34 | 34 | - | - | 105 | 56 | 88 | 12 | 168 | 185 | 177 | 8 | 4,5 | | |
| 150 | 345 | 280 | 33 | 8 | M30 | 168,3 | 170,5 | - | - | 36 | 36 | 36 | 36 | - | - | 130 | 60 | 95 | 12 | 202 | 215 | 204 | 10 | 5,6 | | |
| 200 | 415 | 345 | 36 | 12 | M33 | 219,1 | 221,5 | - | - | 46 | 42 | 42 | 42 | - | - | 180 | - | 110 | 16 | 256 | - | 264 | 10 | 7,1 | | |
| 250 | 470 | 400 | 36 | 12 | M33 | 273,0 | 276,5 | - | - | 54 | 46 | 46 | 46 | - | - | 220 | - | 125 | 18 | 316 | - | 320 | 12 | 8,8 | | |
| 300 | 530 | 460 | 36 | 16 | M33 | 323,9 | 327,5 | - | - | 62 | 52 | 52 | 52 | - | - | 270 | - | 140 | 18 | 372 | - | 378 | 12 | 11,0 | | |
| 350 | 600 | 525 | 39 | 16 | M36 | 355,6 | 359,5 | - | - | 72 | 56 | 56 | 56 | - | - | 310 | - | 150 | 20 | 420 | - | 434 | 12 | 12,5 | | |
| 400 | 670 | 585 | 42 | 16 | M39 | 406,4 | 411,0 | - | - | 78 | 60 | 60 | 60 | - | - | 360 | - | 160 | 20 | 475 | - | 490 | 12 | 14,2 | | |
| 500 | 800 | 705 | 48 | 20 | M45 | - | - | - | - | - | - | 68 | - | - | - | - | - | - | - | - | - | 602 | 12 | - | | |
| 600 | 930 | 820 | 56 | 20 | M52 | - | - | - | - | - | - | 76 | - | - | - | - | - | - | - | - | - | 714 | 15 | - | | |
| 700 | 1045 | 935 | 56 | 24 | M52 | - | - | - | - | - | - | 84 | - | - | - | - | - | - | - | - | - | 826 | 15 | - | | |
| 800 | 1165 | 1050 | 62 | 24 | M56 | - | - | - | - | - | - | 92 | - | - | - | - | - | - | - | - | - | 938 | 18 | - | | |
| 900 | 1285 | 1170 | 62 | 28 | M56 | - | - | - | - | - | - | 98 | - | - | - | - | - | - | - | - | - | 1048 | 18 | - | | |
| 1000 | 1415 | 1290 | 70 | 28 | M64 | - | - | - | - | - | - | 108 | - | - | - | - | - | - | - | - | - | 1162 | 18 | - | | |
| 1200 | 1665 | 1530 | 78 | 32 | M72 | - | - | - | - | - | - | 126 | - | - | - | - | - | - | - | - | - | 1390 | 18 | - | | |