

SABS/BS FLANGE



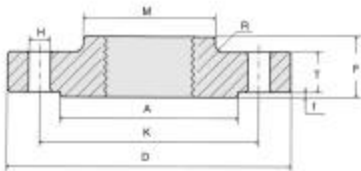
Flange 1123-1600/3

SABS 1123-1600/3



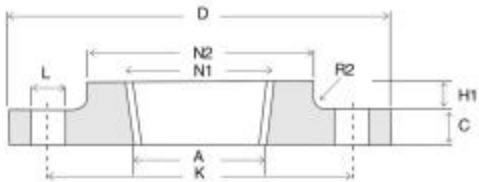
| Nominal<br>Pipe<br>Size | Outside<br>Diam | Pipe  | BORE  | Thickness | Bolt circle<br>diam | Raise Face |   | Diam<br>of Bolt | Number of<br>holes | Weight / kg |        |
|-------------------------|-----------------|-------|-------|-----------|---------------------|------------|---|-----------------|--------------------|-------------|--------|
|                         |                 |       |       |           |                     | g          | f |                 |                    | Slip on     | Blind  |
| 1600/3                  | D               | OD    | de    | t         | C                   |            |   | H               | N                  |             |        |
| 15MM                    | 95              | 21.3  | 22    | 10        | 65                  | 45         | 2 | 14              | 4                  | 0.48        | 0.51   |
| 20MM                    | 105             | 26.9  | 27.6  | 10        | 75                  | 58         | 2 | 14              | 4                  | 0.58        | 0.63   |
| 25MM                    | 115             | 33.7  | 34.4  | 10        | 85                  | 68         | 2 | 14              | 4                  | 0.69        | 0.77   |
| 32MM                    | 140             | 42.4  | 43.1  | 10        | 100                 | 78         | 2 | 18              | 4                  | 1.01        | 1.13   |
| 40MM                    | 150             | 48.3  | 49    | 10        | 110                 | 88         | 3 | 18              | 4                  | 1.16        | 1.31   |
| 50MM                    | 165             | 60.3  | 61.1  | 12        | 125                 | 102        | 3 | 18              | 4                  | 1.64        | 1.92   |
| 65MM                    | 185             | 76.1  | 77.1  | 12        | 145                 | 122        | 3 | 18              | 4                  | 1.99        | 2.44   |
| 80MM                    | 200             | 88.9  | 90.3  | 14        | 160                 | 138        | 3 | 18              | 8                  | 2.52        | 3.23   |
| 100MM                   | 220             | 114.3 | 115.9 | 14        | 180                 | 158        | 3 | 18              | 8                  | 2.8         | 3.96   |
| 125MM                   | 250             | 139.7 | 141.6 | 16        | 210                 | 188        | 3 | 18              | 8                  | 3.96        | 5.91   |
| 150MM                   | 285             | 168.3 | 170.5 | 18        | 240                 | 212        | 3 | 22              | 8                  | 5.47        | 8.59   |
| 200MM                   | 340             | 219.1 | 221.8 | 22        | 295                 | 268        | 3 | 22              | 12                 | 8.29        | 14.9   |
| 250MM                   | 405             | 273   | 276.2 | 25        | 355                 | 320        | 3 | 26              | 12                 | 12.4        | 24.05  |
| 300MM                   | 460             | 323.9 | 327.6 | 28        | 410                 | 378        | 4 | 26              | 12                 | 16.82       | 35.15  |
| 350MM                   | 520             | 355.6 | 359.7 | 30        | 470                 | 438        | 4 | 26              | 16                 | 24.37       | 48.05  |
| 400MM                   | 580             | 406.4 | 411   | 35        | 525                 | 490        | 4 | 26              | 16                 | 34.42       | 70.31  |
| 450MM                   | 640             | 457   | 462.5 | 40        | 585                 | 550        | 4 | 26              | 20                 | 45.83       | 97.75  |
| 500MM                   | 715             | 508   | 513.6 | 40        | 650                 | 610        | 4 | 33              | 20                 | 56.69       | 120.8  |
| 600MM                   | 840             | 610   | 616.5 | 50        | 770                 | 725        | 5 | 33              | 20                 | 95.19       | 210.96 |

SABS 1123-1600/4



| 压力                         | 通径   | 外径  | 中心距 | 孔径 | 孔数 | 内径     | 壁厚 | 总高 | 突台径 | R  | 台径  | 台高 | RF 单重 | FF 单重 |
|----------------------------|------|-----|-----|----|----|--------|----|----|-----|----|-----|----|-------|-------|
| PN                         | DN   | D   | K   | H  | —  | BSP    | T  | F  | M   | R  | A   | f  | KG    | KG    |
| Nominal pressure 1600/4kPa | 10   | 90  | 60  | 14 | 4  | 15.00  | 8  | 14 | 30  | 4  | 40  | 2  | 0.38  | 0.45  |
|                            | 15   | 95  | 65  | 14 | 4  | 17.00  | 8  | 14 | 35  | 4  | 45  | 2  | 0.44  | 0.51  |
|                            | 20   | 105 | 75  | 14 | 4  | 22.50  | 8  | 16 | 45  | 4  | 58  | 2  | 0.57  | 0.66  |
|                            | 25   | 115 | 85  | 14 | 4  | 29.00  | 8  | 16 | 52  | 4  | 68  | 2  | 0.69  | 0.78  |
|                            | 32   | 140 | 100 | 18 | 4  | 37.50  | 10 | 20 | 60  | 6  | 78  | 2  | 1.21  | 1.36  |
|                            | 40   | 150 | 110 | 18 | 4  | 43.50  | 10 | 20 | 70  | 6  | 88  | 3  | 1.43  | 1.68  |
|                            | 50   | 165 | 125 | 18 | 4  | 55.00  | 12 | 22 | 85  | 6  | 102 | 3  | 2.01  | 2.30  |
|                            | 65   | 185 | 145 | 18 | 4  | 71.00  | 12 | 26 | 105 | 6  | 122 | 3  | 2.65  | 2.99  |
|                            | 80   | 200 | 160 | 18 | 8  | 83.50  | 14 | 28 | 118 | 8  | 138 | 3  | 3.32  | 3.66  |
|                            | 100  | 220 | 180 | 18 | 8  | 108.50 | 14 | 34 | 140 | 8  | 158 | 3  | 4.01  | 4.39  |
|                            | *125 | 250 | 210 | 18 | 8  | 134.00 | 16 | 38 | 168 | 8  | 188 | 3  | 5.67  | 6.12  |
|                            | 150  | 285 | 240 | 22 | 8  | 159.50 | 18 | 40 | 195 | 10 | 212 | 3  | 7.60  | 8.20  |

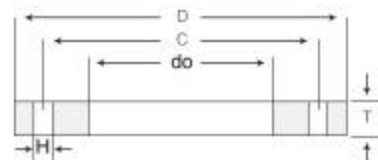
BS 10 TABLE D SCREWED



| N.B Size |     | 外径    | 中心距   | 孔径   | 内径    | 板厚   | 大内径   | 颈外径   | 颈高   |     | 孔数        | 单重          |
|----------|-----|-------|-------|------|-------|------|-------|-------|------|-----|-----------|-------------|
|          |     | D     | K     | L    | A     | C    | N1    | N2    | H1   | R2  | No. Holes | Unit Weight |
| Ins      | mm  | mm    | mm    | mm   | mm    | mm   | mm    | mm    | mm   |     |           | KG          |
| 1/2 "    | 15  | 95.3  | 66.8  | 14.5 | 18.7  | 4.8  | 19.7  | 33.3  | 9.5  | 1.6 | 4         | 0.28        |
| 3/4 "    | 20  | 101.6 | 73.2  | 14.5 | 24.3  | 4.8  | 25.3  | 38.1  | 11.1 | 1.6 | 4         | 0.32        |
| 1 "      | 25  | 114.3 | 82.6  | 14.5 | 30.5  | 4.8  | 31.7  | 47.6  | 11.1 | 1.6 | 4         | 0.43        |
| 1 1/4 "  | 32  | 120.7 | 87.4  | 14.5 | 39    | 6.4  | 40.4  | 55.6  | 11.1 | 1.6 | 4         | 0.59        |
| 1 1/2 "  | 40  | 133.4 | 96.6  | 14.5 | 44.9  | 6.4  | 46.3  | 61.9  | 12.7 | 1.6 | 4         | 0.73        |
| 2 "      | 50  | 152.4 | 114.3 | 17.5 | 56.7  | 7.9  | 58    | 74.6  | 12.7 | 1.6 | 4         | 1.1         |
| 2 1/2 "  | 65  | 165.1 | 127   | 17.5 | 72.2  | 7.9  | 73.7  | 90.5  | 15.9 | 1.6 | 4         | 1.31        |
| 3 "      | 80  | 184.2 | 146.1 | 17.5 | 85    | 9.7  | 86.5  | 106.4 | 15.9 | 1.6 | 4         | 1.93        |
| 4 "      | 100 | 215.9 | 177.8 | 17.5 | 110.1 | 9.7  | 111.6 | 133.4 | 19.1 | 3.2 | 4         | 2.66        |
| 5 "      | 125 | 254   | 209.6 | 17.5 | 137   | 12.7 | 138.5 | 160.3 | 19.1 | 3.2 | 8         | 4.21        |
| 6 "      | 150 | 279.4 | 235   | 17.5 | 164.5 | 12.7 | 166   | 185.7 | 19.1 | 3.2 | 8         | 4.68        |
| 8 "      | 200 | 336.6 | 292.1 | 17.5 | 215.5 | 12.7 | 217   | 241.3 | 22.2 | 3.2 | 8         | 6.66        |
| 10 "     | 250 | 406.4 | 355.6 | 22.2 | 269.5 | 16   | 271   | 298.5 | 27   | 3.2 | 8         | 11.49       |
| 12 "     | 300 | 457.2 | 406.4 | 22.2 | 321   | 19.1 | 322.5 | 349.3 | 28.6 | 4.8 | 12        | 15.14       |

## BS10 TABLE D

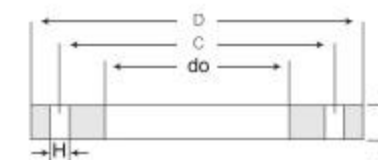
BS10:1962



| Nominal Pipe Size | Outside Diam | BORE  | Thickness | Bolt circle diam | Diam of Bolt | Number of holes | Weight / kg |        |
|-------------------|--------------|-------|-----------|------------------|--------------|-----------------|-------------|--------|
| T/D               | D            | do    | T         | C                | H            | N               | Slip on     | Blind  |
| 15MM              | 95.3         | 22    | 4.8       | 66.7             | 14.3         | 4               | 0.23        | 0.25   |
| 20MM              | 101.6        | 27.6  | 4.8       | 73               | 14.3         | 4               | 0.26        | 0.29   |
| 25MM              | 114.3        | 34.4  | 4.8       | 82.6             | 14.3         | 4               | 0.33        | 0.37   |
| 32MM              | 120.7        | 43.1  | 6.4       | 87.3             | 14.3         | 4               | 0.46        | 0.55   |
| 40MM              | 133.4        | 49    | 6.4       | 98.4             | 14.3         | 4               | 0.56        | 0.68   |
| 50MM              | 152.4        | 61.1  | 7.9       | 114.3            | 17.5         | 4               | 0.89        | 1.06   |
| 65MM              | 165.1        | 77.1  | 7.9       | 127              | 17.5         | 4               | 0.97        | 1.28   |
| 80MM              | 184.2        | 90.3  | 9.5       | 146.1            | 17.5         | 4               | 1.43        | 1.93   |
| 100MM             | 215.9        | 115.9 | 9.5       | 177.8            | 17.5         | 4               | 1.87        | 2.67   |
| 125MM             | 254          | 141.6 | 12.7      | 209.6            | 17.5         | 8               | 3.31        | 4.90   |
| 150MM             | 279.4        | 170.5 | 12.7      | 235              | 17.5         | 8               | 3.72        | 5.96   |
| 200MM             | 336.6        | 221.8 | 12.7      | 292.1            | 17.5         | 8               | 4.87        | 8.72   |
| 250MM             | 406.4        | 276.2 | 15.9      | 355.6            | 22.2         | 8               | 8.41        | 15.92  |
| 300MM             | 457.2        | 327.6 | 19.1      | 406.4            | 22.2         | 12              | 11.37       | 24.12  |
| 350MM             | 527.1        | 359.7 | 22.2      | 469.9            | 25.4         | 12              | 19.47       | 37.24  |
| 400MM             | 577.9        | 411.0 | 22.2      | 520.7            | 25.4         | 12              | 21.92       | 44.93  |
| 450MM             | 641.4        | 462.5 | 25.4      | 584.2            | 25.4         | 12              | 30.29       | 63.54  |
| 500MM             | 704.9        | 513.6 | 28.6      | 641.4            | 25.4         | 16              | 40.03       | 86.29  |
| 600MM             | 825.5        | 616.5 | 31.8      | 755.7            | 28.6         | 16              | 57.5        | 131.68 |

## BS10 TABLE E

BS10:1962



| Nominal Pipe Size | Outside Diam | BORE  | Thickness | Bolt circle diam | Diam of Bolt | Number of holes | Weight / kg |        |
|-------------------|--------------|-------|-----------|------------------|--------------|-----------------|-------------|--------|
| T/E               | D            | do    | T         | C                | H            | N               | Slip on     | Blind  |
| 15MM              | 95.3         | 22    | 6.4       | 66.7             | 14.3         | 4               | 0.3         | 0.33   |
| 20MM              | 101.6        | 27.6  | 6.4       | 73.0             | 14.3         | 4               | 0.34        | 0.38   |
| 25MM              | 114.3        | 34.4  | 7.1       | 82.6             | 14.3         | 4               | 0.48        | 0.54   |
| 32MM              | 120.7        | 43.1  | 7.9       | 87.3             | 14.3         | 4               | 0.58        | 0.68   |
| 40MM              | 133.4        | 49    | 8.7       | 98.4             | 14.3         | 4               | 0.78        | 0.92   |
| 50MM              | 152.4        | 61.1  | 9.5       | 114.3            | 17.5         | 4               | 1.07        | 1.30   |
| 65MM              | 165.1        | 77.1  | 10.3      | 127.0            | 17.5         | 4               | 1.27        | 1.67   |
| 80MM              | 184.2        | 90.3  | 11.1      | 146.1            | 17.5         | 4               | 1.67        | 2.25   |
| 100MM             | 215.9        | 115.9 | 12.7      | 177.8            | 17.5         | 8               | 2.47        | 3.49   |
| 125MM             | 254          | 141.6 | 14.3      | 209.6            | 17.5         | 8               | 3.73        | 5.51   |
| 150MM             | 279.4        | 170.5 | 17.5      | 235              | 22.2         | 8               | 4.96        | 8.12   |
| 200MM             | 336.6        | 221.8 | 19.1      | 292.1            | 22.2         | 8               | 7.11        | 13.01  |
| 250MM             | 406.4        | 276.2 | 22.2      | 355.6            | 22.2         | 12              | 11.47       | 22.03  |
| 300MM             | 457.2        | 327.6 | 25.4      | 406.4            | 25.4         | 12              | 14.91       | 31.83  |
| 350MM             | 527.1        | 359.7 | 28.6      | 469.9            | 25.4         | 12              | 25.09       | 47.98  |
| 400MM             | 577.9        | 411.0 | 31.8      | 520.7            | 25.4         | 12              | 31.4        | 64.36  |
| 450MM             | 641.4        | 462.5 | 34.9      | 584.2            | 25.4         | 16              | 41.06       | 86.88  |
| 500MM             | 704.9        | 513.6 | 38.1      | 641.4            | 25.4         | 16              | 53.32       | 114.95 |
| 600MM             | 825.5        | 616.5 | 47.6      | 755.7            | 31.8         | 16              | 85.16       | 196.3  |