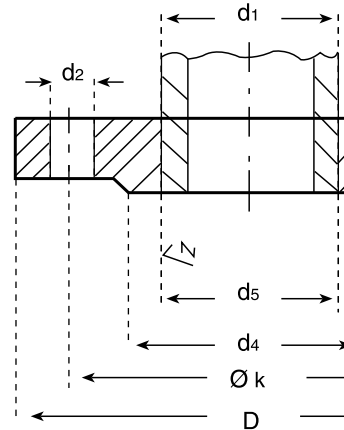


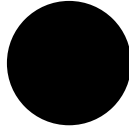
► DÜZ FLANŞ / FLAT FLANGE  
 ↳ PN 6  
 ↳ EN 1092-1



**SARDOĞAN**  
 Endüstri ve Ticaret

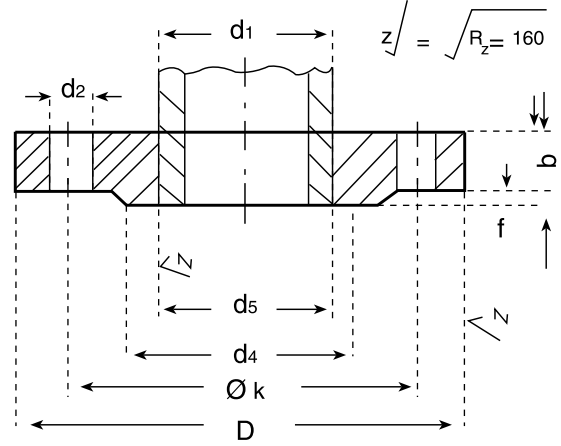
|      |       |     |       |      |
|------|-------|-----|-------|------|
| 50   | -     | 57  | 58,1  | 140  |
|      | 60,3  | -   | 61,5  |      |
| 65   | 76,1  | -   | 77,5  | 160  |
| 80   | 98,9  | -   | 90,5  | 190  |
| 100  | 114,3 | 108 | 109,6 | 210  |
|      | -     | -   | 116   |      |
| 125  | -     | 133 | 134,8 | 240  |
|      | 139,7 | -   | 141,5 |      |
| 150  | -     | 159 | 161,1 | 265  |
|      | 168,3 | -   | 170,5 |      |
| 200  | 219,1 | -   | 221,5 | 320  |
| 250  | 273,0 | -   | 276,5 | 375  |
|      | -     | 267 | 270,2 |      |
| 300  | 323,9 | -   | 327,5 | 440  |
|      | 355,6 | -   | 359,5 |      |
| 350  | -     | 368 | 372,2 | 490  |
|      | 406,4 | -   | 411   |      |
| 400  | -     | 419 | 423,7 | 540  |
|      | 457,0 | -   | 462   |      |
| 450  | 457,0 | -   | 462   | 595  |
| 500  | 508,0 | -   | 513,5 | 645  |
| 600  | 610,0 | -   | 616,5 | 755  |
| 700  | 711   | -   | SAB   | 860  |
| 800  | 813   | -   | SAB   | 975  |
| 900  | 914   | -   | SAB   | 1075 |
| 1000 | 1016  | -   | SAB   | 1175 |

**SAB : Satın Alan Tarafından Belirlenecek.**



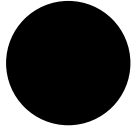
► **DÜZ FLANŞ / FLAT FLANGE**

- ↳ PN 10
- ↳ EN 1092-1



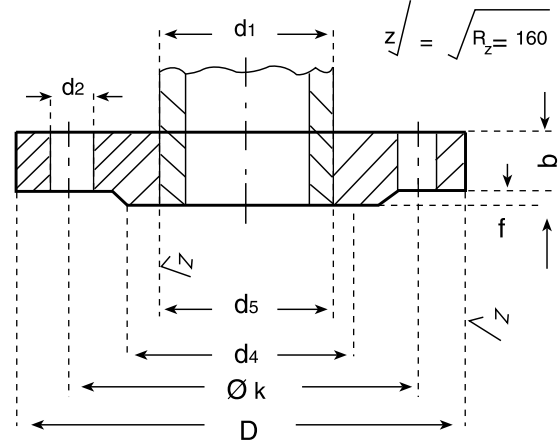
|      |       |      |            |      |    |      |   |      |    |      |    |       |
|------|-------|------|------------|------|----|------|---|------|----|------|----|-------|
| 15   | -     | 20   | 21         | 95   | 14 | 65   | 2 | 45   | 4  | M 12 | 14 | 0,60  |
|      | 21,3  | -    | 22         |      |    |      |   |      |    |      |    |       |
| 20   | -     | 25   | 26         | 105  | 16 | 75   | 2 | 58   | 4  | M 12 | 14 | 0,90  |
|      | 26,9  | -    | 27,5       |      |    |      |   |      |    |      |    |       |
| 25   | -     | 30   | 31         | 115  | 16 | 85   | 2 | 68   | 4  | M 12 | 14 | 1,10  |
|      | 33,7  | -    | 34,5       |      |    |      |   |      |    |      |    |       |
| 32   | -     | 38   | 39         | 140  | 18 | 100  | 2 | 78   | 4  | M 16 | 18 | 1,70  |
|      | 42,4  | -    | 43,5       |      |    |      |   |      |    |      |    |       |
| 40   | -     | 44,5 | 45,5       | 150  | 18 | 110  | 3 | 88   | 4  | M 16 | 18 | 1,95  |
|      | 48,3  | -    | 49,5       |      |    |      |   |      |    |      |    |       |
| 50   | -     | 57   | 58,1       | 165  | 20 | 125  | 3 | 102  | 4  | M 16 | 18 | 2,58  |
|      | 60,3  | -    | 61,5       |      |    |      |   |      |    |      |    |       |
| 65   | 76,1  | -    | 77,5       | 185  | 20 | 145  | 3 | 122  | 4  | M 16 | 18 | 2,96  |
| 80   | 88,9  | -    | 90,5       | 200  | 20 | 160  | 3 | 138  | 8  | M 16 | 18 | 3,44  |
| 100  | -     | 108  | 109,6      | 220  | 22 | 180  | 3 | 158  | 8  | M 16 | 18 | 4,30  |
|      | 114,3 | -    | 116        |      |    |      |   |      |    |      |    |       |
| 125  | -     | 133  | 134,8      | 250  | 22 | 210  | 3 | 188  | 8  | M 16 | 18 | 5,10  |
|      | 139,7 | -    | 141,5      |      |    |      |   |      |    |      |    |       |
| 150  | -     | 159  | 161,1      | 285  | 24 | 240  | 3 | 212  | 8  | M 20 | 22 | 6,73  |
|      | 168,3 | -    | 170,5      |      |    |      |   |      |    |      |    |       |
| 200  | 219,1 | -    | 221,5      | 340  | 24 | 295  | 3 | 268  | 8  | M 20 | 22 | 8,30  |
| 250  | -     | 267  | 270,2      | 395  | 26 | 350  | 3 | 320  | 12 | M 20 | 22 | 11,20 |
|      | 273,0 | -    | 276,5      |      |    |      |   |      |    |      |    |       |
| 300  | 323,9 | -    | 327,5      | 445  | 26 | 400  | 4 | 370  | 12 | M 20 | 22 | 12,80 |
| 350  | 355,6 | -    | 359,5      | 505  | 30 | 460  | 4 | 430  | 16 | M 20 | 22 | 21,05 |
|      | -     | 368  | 372,2      |      |    |      |   |      |    |      |    |       |
| 400  | 406,4 | -    | 411        | 565  | 32 | 515  | 4 | 482  | 16 | M 24 | 26 | 26,42 |
|      | -     | 419  | 423,7      |      |    |      |   |      |    |      |    |       |
| 450  | 457,0 | -    | 462        | 615  | 36 | 565  | 4 | 532  | 20 | M 24 | 26 | 31,92 |
| 500  | 508,0 | -    | 513,5      | 670  | 38 | 620  | 4 | 585  | 20 | M 24 | 26 | 38,85 |
| 600  | 610,0 | -    | 616,5      | 780  | 42 | 725  | 5 | 685  | 20 | M 27 | 30 | 52,74 |
| 700  | 711   | -    | <b>SAB</b> | 895  | 50 | 800  | 5 | 800  | 24 | M 27 | 30 | -     |
| 800  | 813   | -    | <b>SAB</b> | 1015 | 56 | 950  | 5 | 905  | 24 | M 30 | 33 | -     |
| 900  | 914   | -    | <b>SAB</b> | 1115 | 62 | 1050 | 5 | 1005 | 28 | M 30 | 33 | -     |
| 1000 | 1016  | -    | <b>SAB</b> | 1230 | 70 | 1160 | 5 | 1110 | 28 | M 33 | 36 | -     |

**SAB : Satın Alan Tarafından Belirlenecek.**



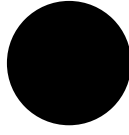
► **DÜZ FLANŞ / FLAT FLANGE**

- ↳ PN 16
- ↳ EN 1092-1



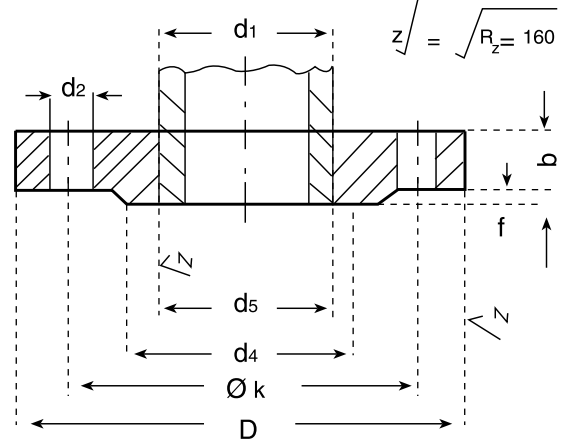
|      |       |      |            |      |    |      |   |      |    |      |    |       |
|------|-------|------|------------|------|----|------|---|------|----|------|----|-------|
| 15   | -     | 20   | 21         | 95   | 14 | 65   | 2 | 45   | 4  | M 12 | 14 | 0,60  |
|      | 21,3  | -    | 22         |      |    |      |   |      |    |      |    |       |
| 20   | -     | 25   | 26         | 105  | 16 | 75   | 2 | 58   | 4  | M 12 | 14 | 0,90  |
|      | 26,9  | -    | 27,5       |      |    |      |   |      |    |      |    |       |
| 25   | -     | 30   | 31         | 115  | 16 | 85   | 2 | 68   | 4  | M 12 | 14 | 1,10  |
|      | 33,7  | -    | 34,5       |      |    |      |   |      |    |      |    |       |
| 32   | -     | 38   | 39         | 140  | 18 | 100  | 2 | 78   | 4  | M 16 | 18 | 1,70  |
|      | 42,4  | -    | 43,5       |      |    |      |   |      |    |      |    |       |
| 40   | -     | 44,5 | 45,5       | 150  | 18 | 110  | 3 | 88   | 4  | M 16 | 18 | 1,95  |
|      | 48,3  | -    | 49,5       |      |    |      |   |      |    |      |    |       |
| 50   | -     | 57   | 58,1       | 165  | 20 | 125  | 3 | 102  | 4  | M 16 | 18 | 2,58  |
|      | 60,3  | -    | 61,5       |      |    |      |   |      |    |      |    |       |
| 65   | 76,1  | -    | 77,5       | 185  | 20 | 145  | 3 | 122  | 4  | M 16 | 18 | 2,96  |
| 80   | 88,9  | -    | 90,5       | 200  | 20 | 160  | 3 | 138  | 8  | M 16 | 18 | 3,44  |
| 100  | -     | 108  | 109,6      | 220  | 22 | 180  | 3 | 158  | 8  | M 16 | 18 | 4,30  |
|      | 114,3 | -    | 116        |      |    |      |   |      |    |      |    |       |
| 125  | -     | 133  | 134,8      | 250  | 22 | 210  | 3 | 188  | 8  | M 16 | 18 | 5,10  |
|      | 139,7 | -    | 141,5      |      |    |      |   |      |    |      |    |       |
| 150  | -     | 159  | 161,1      | 285  | 24 | 240  | 3 | 212  | 8  | M 20 | 22 | 6,73  |
|      | 168,3 | -    | 170,5      |      |    |      |   |      |    |      |    |       |
| 200  | 219,1 | -    | 221,5      | 340  | 26 | 295  | 3 | 268  | 12 | M 20 | 22 | 9,30  |
| 250  | -     | 267  | 270,2      | 405  | 29 | 355  | 3 | 320  | 12 | M 24 | 26 | 12,70 |
|      | 273,0 | -    | 276,5      |      |    |      |   |      |    |      |    |       |
| 300  | 323,9 | -    | 327,5      | 460  | 32 | 410  | 4 | 378  | 12 | M 24 | 26 | 18,20 |
| 350  | 355,6 | -    | 359,5      | 520  | 35 | 470  | 4 | 438  | 16 | M 24 | 26 | 27,30 |
|      | -     | 368  | 372,2      |      |    |      |   |      |    |      |    |       |
| 400  | 406,4 | -    | 411        | 580  | 38 | 525  | 4 | 490  | 16 | M 27 | 30 | 34,80 |
|      | -     | 419  | 423,7      |      |    |      |   |      |    |      |    |       |
| 450  | 457,0 | -    | 462        | 640  | 42 | 585  | 4 | 550  | 20 | M 27 | 30 | 45,31 |
| 500  | 508,0 | -    | 513,5      | 715  | 46 | 650  | 4 | 610  | 20 | M 30 | 33 | 62,50 |
| 600  | 610,0 | -    | 616,5      | 840  | 55 | 770  | 5 | 725  | 20 | M 33 | 36 | 94,00 |
| 700  | 711   | -    | <b>SAB</b> | 910  | 63 | 840  | 5 | 795  | 24 | M 33 | 36 | -     |
| 800  | 813   | -    | <b>SAB</b> | 1020 | 74 | 950  | 5 | 900  | 24 | M 36 | 39 | -     |
| 900  | 914   | -    | <b>SAB</b> | 1125 | 82 | 1050 | 5 | 1000 | 28 | M 36 | 39 | -     |
| 1000 | 1016  | -    | <b>SAB</b> | 1255 | 90 | 1170 | 5 | 1115 | 28 | M 39 | 42 | -     |

**SAB : Satın Alan Tarafından Belirlenecek.**



► **DÜZ FLANŞ / FLAT FLANGE**

- ↳ PN 40
- ↳ EN 1092-1



|     |       |       |       |     |            |     |   |     |    |      |    |        |
|-----|-------|-------|-------|-----|------------|-----|---|-----|----|------|----|--------|
| 15  | -     | 20    | 21    | 95  | 14         | 65  | 2 | 45  | 4  | M 12 | 14 | 0,60   |
|     | 21,3  | -     | 22    |     |            |     |   |     |    |      |    |        |
| 20  | -     | 25    | 26    | 105 | 16         | 75  | 2 | 58  | 4  | M 12 | 14 | 0,90   |
|     |       | 26,9  | -     |     |            |     |   |     |    |      |    |        |
| 25  | -     | 30    | 31    | 115 | 16         | 85  | 2 | 68  | 4  | M 12 | 14 | 1,10   |
|     |       | 33,7  | -     |     |            |     |   |     |    |      |    |        |
| 32  | -     | 38    | 39    | 140 | 18         | 100 | 2 | 78  | 4  | M 16 | 18 | 1,70   |
|     |       | 42,4  | -     |     |            |     |   |     |    |      |    |        |
| 40  | -     | 44,5  | 45,5  | 150 | 18         | 110 | 3 | 88  | 4  | M 16 | 18 | 1,95   |
|     |       | 48,3  | -     |     |            |     |   |     |    |      |    |        |
| 50  | -     | 57    | 58,1  | 165 | 20         | 125 | 3 | 102 | 4  | M 16 | 18 | 2,58   |
|     |       | 60,3  | -     |     |            |     |   |     |    |      |    |        |
| 65  | 76,1  | -     | 77,5  | 185 | 22         | 145 | 3 | 122 | 8  | M 16 | 18 | 3,30   |
| 80  | 88,9  | -     | 90,5  | 200 | 24         | 160 | 3 | 138 | 8  | M 16 | 18 | 4,00   |
| 100 | -     | 108   | 109,6 | 235 | 26         | 190 | 3 | 162 | 8  | M 20 | 22 | 5,87   |
|     |       | 114,3 | -     |     |            |     |   |     |    |      |    |        |
| 125 | -     | 133   | 134,8 | 270 | 28         | 220 | 3 | 188 | 8  | M 24 | 26 | 8,10   |
|     |       | 139,7 | -     |     |            |     |   |     |    |      |    |        |
| 150 | -     | 159   | 161,1 | 300 | 30         | 250 | 3 | 218 | 8  | M 24 | 26 | 10,05  |
|     |       | 168,3 | -     |     |            |     |   |     |    |      |    |        |
| 200 | 219,1 | -     | 221,5 | 375 | 36         | 320 | 3 | 285 | 12 | M 27 | 30 | 17,50  |
| 250 | -     | 267   | 270,2 | 450 | 42         | 385 | 3 | 345 | 12 | M 30 | 33 | 28,50  |
|     |       | 273,0 | -     |     |            |     |   |     |    |      |    |        |
| 300 | 323,9 | -     | 327,5 | 515 | 52         | 450 | 4 | 410 | 16 | M 30 | 33 | 45,58  |
| 350 | 355,6 | -     | 359,5 | 580 | 58         | 510 | 4 | 465 | 16 | M 33 | 36 | 62,16  |
|     |       | -     | 368   |     |            |     |   |     |    |      |    |        |
| 400 | 406,4 | -     | 411   | 660 | 65         | 585 | 4 | 535 | 16 | M 36 | 39 | 88,05  |
|     |       | -     | 419   |     |            |     |   |     |    |      |    |        |
| 450 | 457,0 | -     | 462   | 685 | <b>SAB</b> | 610 | 4 | 560 | 20 | M 36 | 39 | 91,76  |
| 500 | 508,0 | -     | 513,5 | 755 | <b>SAB</b> | 670 | 4 | 615 | 20 | M 39 | 42 | 118,16 |
| 600 | 610,0 | -     | 616,5 | 890 | <b>SAB</b> | 795 | 5 | 735 | 20 | M 45 | 48 | 176,16 |

**SAB : Satın Alan Tarafından Belirlenecek.**