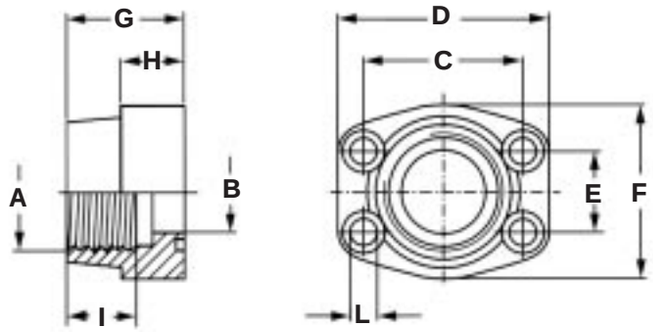
# NPT THREADED FLANGES




| Maximum recommended working pressure kg/cm² | Nom. flange size in | Type | Dimensions | | | | | | | | | | Screws | | Or type | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | E | F | G | H | I | L | Metric | Unc | | |
| | | **SERIES 3000** | | | | | | | | | | | | | | |
| 345 | 1/2" | AFS080N | 1/2" NPT | 13 | 38,10 | 54 | 17,48 | 46 | 36 | 16 | 19 | 9 | M8x30 | 5/16 x 1 1/4" | 4075 | 0,25 |
| 345 | 1/2" | AFS080N038 | 3/8" NPT | 13 | 38,10 | 54 | 17,48 | 46 | 36 | 16 | 19 | 9 | M8x30 | 5/16 x 1 1/4" | 4075 | 0,27 |
| 345 | 3/4" | AFS100N | 3/4" NPT | 19 | 47,63 | 65 | 22,23 | 50 | 36 | 18 | 19 | 11 | M10x35 | 3/8 x 1 1/2" | 4100 | 0,37 |
| 345 | 3/4" | AFS100N012 | 1/2" NPT | 13 | 47,63 | 65 | 22,23 | 50 | 36 | 18 | 19 | 11 | M10x35 | 3/8 x 1 1/2" | 4100 | 0,40 |
| 345 | 1" | AFS102N | 1" NPT | 25 | 52,37 | 70 | 26,19 | 55 | 38 | 18 | 22 | 11 | M10x35 | 3/8 x 1 1/2" | 4131 | 0,45 |
| 345 | 1" | AFS102N034 | 3/4" NPT | 19 | 52,37 | 70 | 26,19 | 55 | 35 | 21 | 19 | 11 | M10x40 | 3/8 x 1 1/2" | 4131 | 0,51 |
| 276 | 1 1/4" | AFS104N | 1 1/4" NPT | 32 | 58,72 | 79 | 30,18 | 68 | 41 | 21 | 22 | 11,5 | M10x40 | 7/16 x 1 3/4" | 4150 | 0,66 |
| 276 | 1 1/4" | AFS104N100 | 1" NPT | 25 | 58,72 | 81 | 30,18 | 65 | 42 | 25 | 22 | 11,5 | M10x40 | 7/16 x 1 3/4" | 4150 | 0,80 |
| 207 | 1 1/2" | AFS106N | 1 1/2" NPT | 38 | 69,85 | 93 | 35,71 | 78 | 45 | 25 | 24 | 13,5 | M12x45 | 1/2 x 1 3/4" | 4187 | 1,05 |
| 207 | 1 1/2" | AFS106N114 | 1 1/4" NPT | 32 | 69,85 | 95 | 35,71 | 78 | 45 | 27 | 24 | 13,5 | M12x45 | 1/2 x 1 3/4" | 4187 | 1,17 |
| 207 | 2" | AFS108N | 2" NPT | 51 | 77,77 | 102 | 42,88 | 90 | 45 | 25 | 30 | 13,5 | M12x45 | 1/2 x 1 3/4" | 4225 | 1,17 |
| 207 | 2" | AFS108N112 | 1 1/2" NPT | 38 | 77,77 | 102 | 42,88 | 90 | 45 | 25 | 26 | 13,5 | M12x45 | 1/2 x 1 3/4" | 4225 | 1,52 |
| 172 | 2 1/2" | AFS110N | 2 1/2" NPT | 63 | 88,90 | 114 | 50,80 | 105 | 50 | 25 | 30 | 13,5 | M12x45 | 1/2 x 1 3/4" | 4275 | 1,59 |
| 138 | 3" | AFS112N | 3" NPT | 73 | 106,38 | 134 | 61,93 | 124 | 50 | 27 | 34 | 17,5 | M16x50 | 5/8 x 2" | 4337 | 2,28 |
| 34 | 3 1/2" | AFS114N | 3 1/2" NPT | 89 | 120,65 | 152 | 69,85 | 136 | 48 | 27 | 34 | 17,5 | M16x50 | 5/8 x 2" | 4387 | 2,42 |
| 34 | 4" | AFS116N | 4" NPT | 99 | 130,18 | 162 | 77,77 | 146 | 48 | 27 | 34 | 17,5 | M16x50 | 5/8 x 2" | 4437 | 2,78 |
| | | **6000 P.S.I.** | | | | | | | | | | | | | | |
| 414 | 1/2" | AFS401N012 | 1/2" NPT | 13 | 40,49 | 54 | 18,24 | 46 | 36 | 16 | 19 | 9 | M8x30 | 5/16 x 1 1/4" | 4075 | 0,25 |
| 414 | 1/2" | AFS401N038 | 3/8" NPT | 13 | 40,49 | 54 | 18,24 | 46 | 36 | 16 | 19 | 9 | M8x30 | 5/16 x 1 1/4" | 4075 | 0,28 |
| 414 | 3/4" | AFS402N | 3/4" NPT | 19 | 50,80 | 71 | 23,80 | 55 | 35 | 21 | 22 | 11 | M10x40 | 3/8 x 1 1/2" | 4100 | 0,51 |
| 414 | 3/4" | AFS402N012 | 1/2" NPT | 13 | 50,80 | 71 | 23,80 | 55 | 35 | 21 | 22 | 11 | M10x40 | 3/8 x 1 1/2" | 4100 | 0,56 |
| 414 | 1" | AFS403N | 1" NPT | 25 | 57,15 | 81 | 27,76 | 65 | 42 | 25 | 24 | 13 | M12x45 | 7/16 x 1 3/4" | 4131 | 0,81 |
| 414 | 1" | AFS403N034 | 3/4" NPT | 19 | 57,15 | 81 | 27,76 | 65 | 42 | 25 | 24 | 13 | M12x45 | 7/16 x 1 3/4" | 4131 | 0,84 |
| 414 | 1 1/4" | AFS404N | 1 1/4" NPT | 32 | 66,68 | 95 | 31,75 | 78 | 45 | 27 | 25 | 15* | M14x45 | 1/2 x 1 3/4" | 4150 | 1,13 |
| 414 | 1 1/4" | AFS404N100 | 1" NPT | 25 | 66,68 | 95 | 31,75 | 78 | 45 | 27 | 25 | 15* | M14x45 | 1/2 x 1 3/4" | 4150 | 1,26 |
| 414 | 1 1/2" | AFS405N | 1 1/2" NPT | 38 | 79,38 | 112 | 36,50 | 94 | 50 | 30 | 28 | 17 | M16x50 | 5/8 x 2" | 4187 | 1,81 |
| 414 | 1 1/2" | AFS405N114 | 1 1/4" NPT | 32 | 79,38 | 112 | 36,50 | 94 | 50 | 30 | 28 | 17 | M16x50 | 5/8 x 2" | 4187 | 1,95 |
| 414 | 2" | AFS406N | 2" NPT | 51 | 96,82 | 134 | 44,45 | 114 | 65 | 37 | 30 | 21 | M20x70 | 3/4 x 2 1/2" | 4225 | 3,31 |
| 414 | 2" | AFS406N112 | 1 1/2" NPT | 38 | 96,82 | 134 | 44,45 | 114 | 65 | 37 | 30 | 21 | M20x70 | 3/4 x 2 1/2" | 4225 | 3,80 |

## DESIGNATION FOR ORDER

| | |
|---|---|
| Only flange | AFS...N |
| With metric screws, grower type washers and o-ring | AFS...NM |
| With unc screws, grower type washers and o-ring | AFS...NU |

## NOTES

Material: ST52.3

*For unc screws L=13,5

Available in stainless steel AISI 316L

BACK TO CATALOGUE