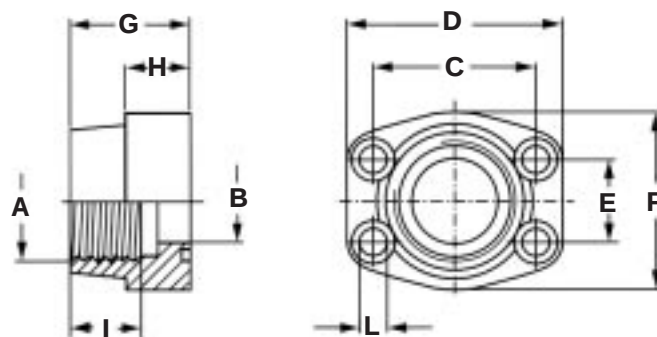


# NPT THREADED FLANGES



| 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           |         |           |
|                                             |                     | <b>SERIES 3000</b> |            |    |        |     |       |     |    |    |    |      |        |               |         |           |
| 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      |
|                                             |                     | <b>6000 P.S.I.</b> |            |    |        |     |       |     |    |    |    |      |        |               |         |           |
| 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

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