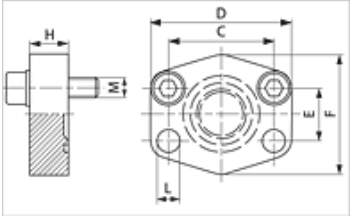
# AFC (3000 / 6000 PSI)
SAE sealing flange

HANSA-FLEX

## Properties

| | |
|---|---|
| **Standard** | SAE J 518 C<br>ISO 6162 |
| **Construction** | straight |
| **Design** | SAE sealing flange |
| **Mounting** | Screw bore hole |
| **Scope of supply** | flange only |
| **Material** | S355J2G3 (ST52.3) |
| **Surface** | black oiled |






## Note

The stated maximum working pressure relates to the flange. The actual working pressure is determined by the pipe (wall thickness) and the quality of the pipe.
Recommended screws are listed in the columns M (metr) and M (unc).

## Item

| Identification | Pressure series | PB 10.9 (bar) | Size | C (mm) | D (mm) | E (mm) | F (mm) | H (mm) | L (mm) | M metr. | M unc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **AFC 80** | 3000 PSI | 350 | 1/2" | 38,1 | 56 | 17,5 | 48 | 16 | 9,0 | M 8 x 30 | 5/16" x 1.1/4" |
| **AFC 100** | 3000 PSI | 350 | 3/4" | 47,6 | 65 | 22,2 | 50 | 16 | 11,0 | M 10 x 35 | 3/8" x 1.1/2" |
| **AFC 102** | 3000 PSI | 315 | 1" | 52,4 | 70 | 26,2 | 60 | 19 | 11,0 | M 10 x 35 | 3/8" x 1.1/2" |
| **AFC 104** | 3000 PSI | 250 | 1.1/4" | 58,7 | 79 | 30,2 | 68 | 18 | 11,5 | M 10 x 40 | 7/16" x 1.1/2" |
| **AFC 106** | 3000 PSI | 200 | 1.1/2" | 69,9 | 93 | 35,7 | 78 | 20 | 13,5 | M 12 x 45 | 7/16" x 1.1/2" |
| **AFC 108** | 3000 PSI | 200 | 2" | 77,8 | 102 | 42,9 | 90 | 20 | 13,5 | M 12 x 45 | 7/16" x 1.1/2" |
| **AFC 110** | 3000 PSI | 160 | 2.1/2" | 88,9 | 114 | 50,8 | 105 | 20 | 13,5 | M 12 x 45 | 7/16" x 1.1/2" |
| **AFC 112** | 3000 PSI | 138 | 3" | 106,4 | 134 | 61,9 | 124 | 24 | 17,5 | M 16 x 50 | 5/8" x 2" |
| **AFC 114** | 3000 PSI | 35 | 3.1/2" | 120,7 | 152 | 69,9 | 136 | 22 | 17,5 | M 16 x 50 | 5/8" x 2" |
| **AFC 116** | 3000 PSI | 35 | 4" | 130,2 | 162 | 77,8 | 146 | 25 | 17,5 | M 16 x 50 | 5/8" x 2" |
| **AFC 118** | 3000 PSI | 35 | 5" | 152,4 | 190 | 92,1 | 170 | 28 | 17,5 | M 16 x 50 | 5/8" x 2" |
| | | | | | | | | | | | |
| **AFC 401** | 6000 PSI | 400 | 1/2" | 40,5 | 56 | 18,2 | 48 | 16 | 9,0 | M 8 x 30 | 5/16" x 1.1/4" |
| **AFC 402** | 6000 PSI | 400 | 3/4" | 50,8 | 71 | 23,8 | 60 | 19 | 11,0 | M 10 x 35 | 3/8" x 1.1/2" |
| **AFC 403** | 6000 PSI | 400 | 1" | 57,2 | 81 | 27,8 | 70 | 24 | 13,0 | M 12 x 45 | 7/16" x 1.1/2" |
| **AFC 404** | 6000 PSI | 400 | 1.1/4" | 66,7 | 95 | 31,8 | 78 | 27 | *1 | M 14 x 45 | 1/2" x 1.3/4" |
| **AFC 405** | 6000 PSI | 400 | 1.1/2" | 79,4 | 112 | 36,5 | 94 | 30 | 17,0 | M 16 x 50 | 5/8" x 2" |
| **AFC 406** | 6000 PSI | 400 | 2" | 96,8 | 134 | 44,5 | 114 | 28 | 21,0 | M 20 x 65 | 3/4" x 2.1/2" |

PN = Nominal pressure  PB = Max. operating pressure

*1) = 15.0 for metric screws; 13.5 for UNC screws

## Product versions

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|---|---|
| **AFC U (3000 / 6000 PSI)** | SAE sealing flange, with UNC screw set and O-ring |
| **AFC M (3000 / 6000 PSI)** | SAE sealing flange, with metric screw set and O-ring |

*Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.*