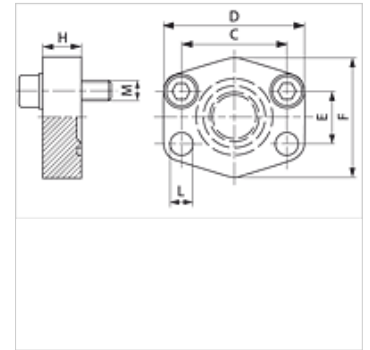


# AFC U (3000 / 6000 PSI)

## SAE sealing flange

### Properties

|                        |                               |
|------------------------|-------------------------------|
| <b>Standard</b>        | SAE J 518 C<br>ISO 6162       |
| <b>Construction</b>    | straight                      |
| <b>Design</b>          | SAE sealing flange            |
| <b>Mounting</b>        | Screw bore hole               |
| <b>Scope of supply</b> | with UNC screw set and O-ring |
| <b>Material</b>        | S355J2G3 (ST52.3)             |
| <b>Surface</b>         | 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.

### Item

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

PN = Nominal pressure PB = Max. operating pressure

### Product versions

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