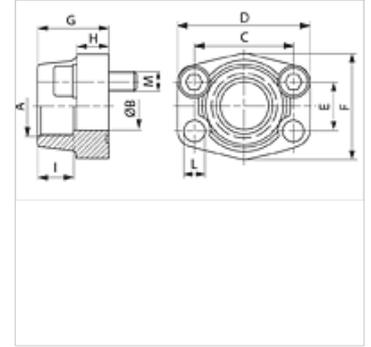


AFS N (6000 PSI)

SAE screw-in flange, NPT

Properties

| | |
|------------------------|-------------------------|
| Pressure series | 6000 psi |
| Standard | SAE J 518 C ISO 6162 |
| Construction | straight |
| Design | SAE screw-in 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 | PB 10.9 (bar) | Size | A | Ø B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | L (mm) | M metr. | M unc |
|------------------------|------------------|--------|--------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|
| AFS 401 N | 400 | 1/2" | NPT 1/2" | 13 | 40,5 | 54 | 18,2 | 46 | 36 | 16 | 19 | 9,0 | M 8 x 30 | 5/16" x 1.1/4" |
| AFS 401 N 3/8 | 400 | 1/2" | NPT 3/8" -18 | 13 | 40,5 | 54 | 18,2 | 46 | 36 | 16 | 19 | 9,0 | M 8 x 30 | 5/16" x 1.1/4" |
| AFS 402 N | 400 | 3/4" | NPT 3/4" -14 | 19 | 50,8 | 71 | 23,8 | 55 | 35 | 21 | 22 | 11,0 | M 10 x 35 | 3/8" x 1.1/2" |
| AFS 402 N 1/2 | 400 | 3/4" | NPT 1/2" | 13 | 50,8 | 71 | 23,8 | 55 | 35 | 21 | 22 | 11,0 | M 10 x 35 | 3/8" x 1.1/2" |
| AFS 403 N | 400 | 1" | NPT 1" | 25 | 57,2 | 81 | 27,8 | 65 | 42 | 25 | 24 | 13,0 | M 12 x 45 | 7/16" x 1.3/4" |
| AFS 403 N 3/4 | 400 | 1" | NPT 3/4" -14 | 19 | 57,2 | 81 | 27,8 | 65 | 42 | 25 | 24 | 13,0 | M 12 x 45 | 7/16" x 1.3/4" |
| AFS 404 N | 400 | 1.1/4" | NPT 1.1/4" | 32 | 66,7 | 95 | 31,8 | 78 | 45 | 27 | 25 | *1 | M 14 x 45 | 1/2" x 1.3/4" |
| AFS 404 N 1 | 400 | 1.1/4" | NPT 1" | 25 | 66,7 | 95 | 31,8 | 78 | 45 | 27 | 25 | *1 | M 14 x 45 | 1/2" x 1.3/4" |
| AFS 405 N | 400 | 1.1/2" | NPT 1.1/2" | 38 | 79,4 | 112 | 36,5 | 94 | 50 | 30 | 28 | 17,0 | M 16 x 50 | 5/8" x 2" |
| AFS 405 N 1 1/4 | 400 | 1.1/2" | NPT 1.1/4" | 32 | 79,4 | 112 | 36,5 | 94 | 50 | 30 | 28 | 17,0 | M 16 x 50 | 5/8" x 2" |
| AFS 406 N | 400 | 2" | NPT 2" -11.5 | 51 | 96,8 | 134 | 44,5 | 114 | 65 | 37 | 30 | 21,0 | M 20 x 65 | 3/4" x 2.1/2" |
| AFS 406 N 1 1/2 | 400 | 2" | NPT 1.1/2" | 38 | 96,8 | 134 | 44,5 | 114 | 65 | 37 | 30 | 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

| | |
|----------------------------------|--|
| AFS N M (3000 / 6000 PSI) | SAE screw-in flange, NPT, with metric screw set and O-ring |
| AFS N U (3000 / 6000 PSI) | SAE screw-in flange, NPT, with UNC screw set and O-ring |