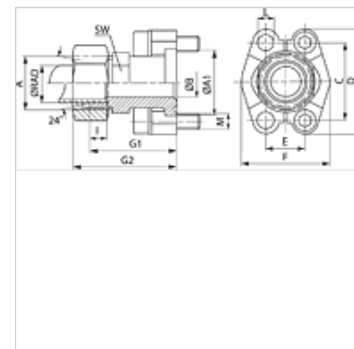


# SFCE M (3000 / 6000 PSI)

SAE external thread flange

**HANSA FLEX**

| Properties      |   |
|-----------------|---|
| Standard        | DIN 3901/3902   |
| Construction    | straight  |
| Design          | SAE external thread flange                                    |
| Scope of supply | with 2 flange halves, screw set, O-ring, nut and cutting ring |
| Material        | S355J2G3 (C22)  |
| Surface         | electro galvanised  |



## Note

In accordance with SAE J 518 C, the specified nominal pressure is defined by the flange or based on the pipe to be welded on.

## Item

| Identification   | Pressure series | Series | Ø RAD (mm) | PB 10.9 (bar) | Size   | A       | A1   | Ø B     | C    | D   | E    | F    | G1   | G2  | I    | L    | M metr.   | AF |
|------------------|-----------------|--------|------------|---------------|--------|---------|------|---------|------|-----|------|------|------|-----|------|------|-----------|----|
| SFCE 3001 L 15 M | 3000 PSI        | L      | 15         | 315           | 1/2"   | M22x1,5 | 30,2 | 16 / 20 | 38,1 | 54  | 17,5 | 45,6 | 48,2 | 56  | 7,0  | 8,7  | M 8 x 30  | 24 |
| SFCE 3001 L 22 M | 3000 PSI        | L      | 22         | 160           | 1/2"   | M30x2   | 30,2 | 13      | 38,1 | 54  | 17,5 | 45,6 | 53,1 | 62  | 7,5  | 8,7  | M 8 x 30  | 27 |
| SFCE 3002 L 18 M | 3000 PSI        | L      | 18         | 315           | 3/4"   | M26x1,5 | 38,1 | 15 / 20 | 47,6 | 65  | 22,2 | 51,8 | 53,2 | 62  | 7,5  | 10,7 | M 10 x 35 | 30 |
| SFCE 3002 L 22 M | 3000 PSI        | L      | 22         | 160           | 3/4"   | M30x2   | 38,1 | 19      | 47,6 | 65  | 22,2 | 51,8 | 53,2 | 62  | 7,5  | 10,7 | M 10 x 35 | 30 |
| SFCE 3002 L 28 M | 3000 PSI        | L      | 28         | 160           | 3/4"   | M36x2   | 38,1 | 19      | 47,6 | 65  | 22,2 | 51,8 | 53,2 | 62  | 7,5  | 10,7 | M 10 x 35 | 30 |
| SFCE 3003 L 28 M | 3000 PSI        | L      | 28         | 160           | 1"     | M36x2   | 44,4 | 24      | 52,4 | 70  | 26,2 | 58,4 | 54,2 | 65  | 7,5  | 10,7 | M 10 x 35 | 36 |
| SFCE 3004 L 28 M | 3000 PSI        | L      | 28         | 160           | 1.1/4" | M36x2   | 50,8 | 22      | 58,7 | 79  | 30,2 | 72,6 | 58,6 | 67  | 7,5  | *1   | *2        | 36 |
| SFCE 3004 L 35 M | 3000 PSI        | L      | 35         | 160           | 1.1/4" | M45x2   | 50,8 | 30 / 32 | 58,7 | 79  | 30,2 | 72,6 | 58,2 | 69  | 10,5 | *1   | *2        | 41 |
| SFCE 3005 L 42 M | 3000 PSI        | L      | 42         | 160           | 1.1/2" | M52x2   | 60,3 | 36      | 69,9 | 94  | 35,7 | 82,2 | 64,2 | 76  | 11,0 | 13,5 | M 12 x 40 | 46 |
| SFCE 3001 S 16 M | 3000 PSI        | S      | 16         | 350           | 1/2"   | M24x1,5 | 30,2 | 13      | 38,1 | 54  | 17,5 | 45,6 | 50,2 | 60  | 8,5  | 8,7  | M 8 x 30  | 24 |
| SFCE 3002 S 20 M | 3000 PSI        | S      | 20         | 350           | 3/4"   | M30x2   | 38,1 | 16 / 20 | 47,6 | 65  | 22,2 | 51,8 | 57,2 | 68  | 10,5 | 10,7 | M 10 x 35 | 30 |
| SFCE 3002 S 25 M | 3000 PSI        | S      | 25         | 350           | 3/4"   | M36x2   | 38,1 | 17      | 47,6 | 65  | 22,2 | 51,8 | 57,2 | 69  | 12,0 | 10,7 | M 10 x 35 | 30 |
| SFCE 3003 S 25 M | 3000 PSI        | S      | 25         | 315           | 1"     | M36x2   | 44,4 | 20      | 52,4 | 70  | 26,2 | 58,4 | 58,2 | 70  | 12,0 | 10,7 | M 10 x 35 | 36 |
| SFCE 3003 S 30 M | 3000 PSI        | S      | 30         | 315           | 1"     | M42x2   | 44,4 | 24      | 52,4 | 70  | 26,2 | 58,4 | 63,2 | 76  | 13,5 | 10,7 | M 10 x 35 | 36 |
| SFCE 3004 S 25 M | 3000 PSI        | S      | 25         | 250           | 1.1/4" | M36x2   | 50,8 | 20 / 27 | 58,7 | 79  | 30,2 | 72,6 | 60,2 | 72  | 12,0 | *1   | *2        | 41 |
| SFCE 3004 S 30 M | 3000 PSI        | S      | 30         | 250           | 1.1/4" | M42x2   | 50,8 | 25 / 28 | 58,7 | 79  | 30,2 | 72,6 | 62,2 | 75  | 13,5 | *1   | *2        | 41 |
| SFCE 3004 S 38 M | 3000 PSI        | S      | 38         | 250           | 1.1/4" | M52x2   | 50,8 | 28      | 58,7 | 79  | 30,2 | 72,6 | 66,6 | 81  | 16,0 | *1   | *2        | 46 |
| SFCE 3005 S 38 M | 3000 PSI        | S      | 38         | 200           | 1.1/2" | M52x2   | 60,3 | 32      | 69,9 | 94  | 35,7 | 82,2 | 70,2 | 85  | 16,0 | 13,5 | M 12 x 40 | 46 |
| SFCE 6001 S 16 M | 6000 PSI        | S      | 16         | 400           | 1/2"   | M24x1,5 | 31,7 | 12      | 40,5 | 56  | 18,2 | 47,2 | 53,2 | 63  | 8,5  | 8,5  | M 8 x 30  | 24 |
| SFCE 6002 S 16 M | 6000 PSI        | S      | 16         | 400           | 3/4"   | M24x1,5 | 41,3 | 12      | 50,8 | 71  | 23,8 | 60,0 | 59,2 | 69  | 8,5  | 10,5 | M 10 x 35 | 30 |
| SFCE 6002 S 20 M | 6000 PSI        | S      | 20         | 400           | 3/4"   | M30x2   | 41,3 | 16      | 50,8 | 71  | 23,8 | 60,0 | 61,2 | 72  | 10,5 | 10,5 | M 10 x 35 | 30 |
| SFCE 6002 S 25 M | 6000 PSI        | S      | 25         | 400           | 3/4"   | M36x2   | 41,3 | 17      | 50,8 | 71  | 23,8 | 60,0 | 63,2 | 75  | 12,0 | 10,5 | M 10 x 35 | 30 |
| SFCE 6002 S 30 M | 6000 PSI        | S      | 30         | 400           | 3/4"   | M42x2   | 41,3 | 18      | 50,8 | 71  | 23,8 | 60,0 | 64,0 | 77  | 13,5 | 10,5 | M 10 x 35 | 36 |
| SFCE 6003 S 25 M | 6000 PSI        | S      | 25         | 400           | 1"     | M36x2   | 47,6 | 20      | 57,2 | 81  | 27,8 | 69,6 | 72,2 | 84  | 12,0 | *3   | M 12 x 45 | 41 |
| SFCE 6003 S 30 M | 6000 PSI        | S      | 30         | 400           | 1"     | M42x2   | 47,6 | 24      | 57,2 | 81  | 27,8 | 69,6 | 74,0 | 87  | 13,5 | *3   | M 12 x 45 | 41 |
| SFCE 6004 S 30 M | 6000 PSI        | S      | 30         | 400           | 1.1/4" | M42x2   | 54,0 | 25 / 30 | 66,7 | 95  | 31,8 | 77,2 | 79,2 | 92  | 13,5 | *4   | M 14 x 50 | 41 |
| SFCE 6004 S 38 M | 6000 PSI        | S      | 38         | 350           | 1.1/4" | M52x2   | 54,0 | 30      | 66,7 | 95  | 31,8 | 77,2 | 83,2 | 98  | 16,0 | *4   | M 14 x 50 | 46 |
| SFCE 6005 S 38 M | 6000 PSI        | S      | 38         | 350           | 1.1/2" | M52x2   | 63,5 | 30      | 79,4 | 113 | 36,5 | 95,0 | 89,2 | 104 | 16,0 | 16,7 | M 16 x 55 | 46 |

PN = Nominal pressure PB = Max. operating pressure - Ø = External pipe diameter - Series: LL = Very light L = Light S = Heavy

\*1) = Choice of 10,5, 12,0 or 12,5 - \*3) = Choice of 12,0 or 12,5 - \*4) = Choice of 13,5 or 14,5 - \*2) = Choice of M 10 x 30 or M 12 x 35

## Product versions

|                          |   |
|--------------------------|---|
| SFCE (3000 PSI)          | SAE external thread flange, connecting piece only   |
| SFCE U (3000 / 6000 PSI) | SAE external thread flange, with 2 flange halves, screw set, O-ring, nut and cutting ring |