

# AFS N M (3000 / 6000 PSI)

SAE screw-in flange, NPT

**HANSA FLEX**

## Properties

<b>Standard</b>	SAE J 518 C ISO 6162
<b>Construction</b>	straight
<b>Design</b>	SAE screw-in flange
<b>Mounting</b>	Screw bore hole
<b>Scope of supply</b>	with metric 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	Size	A	Ø B	C	D	E	F	G	H	I	L	M metr.
		(bar)			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
AFS 80 N 1/2 M	3000 PSI	350	1/2"	NPT 1/2"	13	38,1	54	17,5	46	36	16	19	9,0	M 8 x 30
AFS 80 N 3/8 M	3000 PSI	350	1/2"	NPT 3/8" -18	13	38,1	54	17,5	46	36	16	19	9,0	M 8 x 30
AFS 104 N 1M	3000 PSI	250	1.1/4"	NPT 1"	25	58,7	81	30,2	65	42	25	22	11,5	M 10 x 40
AFS 100 N 1/2 M	3000 PSI	350	3/4"	NPT 1/2"	13	47,6	65	22,2	50	36	18	19	11,0	M 10 x 35
AFS 100 N 3/4 M	3000 PSI	350	3/4"	NPT 3/4" -14	19	47,6	65	22,2	50	36	18	19	11,0	M 10 x 35
AFS 102 N 3/4 M	3000 PSI	315	1"	NPT 3/4" -14	19	52,4	70	26,2	55	35	21	19	11,0	M 10 x 35
AFS 102 N 1 M	3000 PSI	315	1"	NPT 1"	25	52,4	70	26,2	55	38	18	22	11,0	M 10 x 35
AFS 104 N 1 1/4 M	3000 PSI	250	1.1/4"	NPT 1.1/4"	32	58,7	79	30,2	68	41	21	22	11,5	M 10 x 40
AFS 106 N 1 1/4 M	3000 PSI	200	1.1/2"	NPT 1.1/4"	32	69,9	95	35,7	78	45	27	24	13,5	M 12 x 45
AFS 106 N 1 1/2 M	3000 PSI	200	1.1/2"	NPT 1.1/2"	38	69,9	93	35,7	78	45	25	24	13,5	M 12 x 45
AFS 108 N 1 1/2 M	3000 PSI	200	2"	NPT 1.1/2"	38	77,8	102	42,9	90	45	25	26	13,5	M 12 x 45
AFS 108 N 2 M	3000 PSI	200	2"	NPT 2" -11.5	51	77,8	102	42,9	90	45	25	30	13,5	M 12 x 45
AFS 110 N 2 1/2 M	3000 PSI	160	2.1/2"	NPT 2.1/2" -11.5	63	88,9	114	50,8	105	50	25	30	13,5	M 12 x 45
AFS 112 N M	3000 PSI	138	3"	NPT 3" -11.5	73	106,4	134	61,9	124	50	27	34	17,5	M 16 x 50
AFS 114 N M	3000 PSI	35	3.1/2"	NPT 3.1/2" -11.5	89	120,7	152	69,9	136	48	27	34	17,5	M 16 x 50
AFS 116 N M	3000 PSI	35	4"	NPT 4" -11.5	99	130,2	162	77,8	146	48	27	34	17,5	M 16 x 50
AFS 401 N M	6000 PSI	400	1/2"	NPT 1/2"	13	40,5	54	18,2	46	36	16	19	9,0	M 8 x 30
AFS 401 N 3/8 M	6000 PSI	400	1/2"	NPT 3/8" -18	13	40,5	54	18,2	46	36	16	19	9,0	M 8 x 30
AFS 402 N M	6000 PSI	400	3/4"	NPT 3/4" -14	19	50,8	71	23,8	55	35	21	22	11,0	M 10 x 35
AFS 402 N 1/2 M	6000 PSI	400	3/4"	NPT 1/2"	13	50,8	71	23,8	55	35	21	22	11,0	M 10 x 35
AFS 403 N M	6000 PSI	400	1"	NPT 1"	25	57,2	81	27,8	65	42	25	24	13,0	M 12 x 45
AFS 403 N 3/4 M	6000 PSI	400	1"	NPT 3/4" -14	19	57,2	81	27,8	65	42	25	24	13,0	M 12 x 45
AFS 404 N M	6000 PSI	400	1.1/4"	NPT 1.1/4"	32	66,7	95	31,8	78	45	27	25	15,0	M 14 x 45
AFS 404 N 1 M	6000 PSI	400	1.1/4"	NPT 1"	25	66,7	95	31,8	78	45	27	25	15,0	M 14 x 45
AFS 405 N M	6000 PSI	400	1.1/2"	NPT 1.1/2"	38	79,4	112	36,5	94	50	30	28	17,0	M 16 x 50
AFS 405 N 1 1/4 M	6000 PSI	400	1.1/2"	NPT 1.1/4"	32	79,4	112	36,5	94	50	30	28	17,0	M 16 x 50
AFS 406 N M	6000 PSI	400	2"	NPT 2" -11.5	51	96,8	134	44,5	114	65	37	30	21,0	M 20 x 65
AFS 406 N 1 1/2 M	6000 PSI	400	2"	NPT 1.1/2"	38	96,8	134	44,5	114	65	37	30	21,0	M 20 x 65

PN = Nominal pressure PB = Max. operating pressure

## Product versions

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