AFS 90 SRE U (3000 / 6000 PSI)

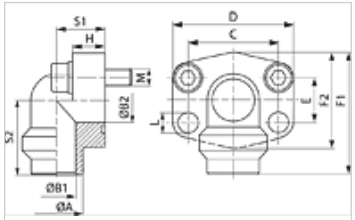
SAE welded on flange, angle 90°

HANSA-FLEX

Properties

Standard	SAE J 518 C ISO 6162
Construction	Angle 90°
Design	SAE welded on flange
Mounting	Screw bore hole
Scope of supply	with UNC screw set and O-ring
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.

Item

Identification	Pressure series	PB 10.9 (bar)	Size	Pipe	A (mm)	B1 (mm)	B2 (mm)	C (mm)	D (mm)	E (mm)	F1 (mm)	F2 (mm)	H (mm)	S1 (mm)	S2 (mm)	L (mm)	Screws
AFS 80/90 SRE 20 U	6000 PSI	250	1/2"	20 x 3	20	14	13	38,1	54,0	17,5	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 80/90 SRE 22 U	6000 PSI	160	1/2"	22 x 2	22	18	13	38,1	54,0	17,5	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 80/90 SRE 25 U	6000 PSI	250	1/2"	25 x 3	25	19	13	38,1	54,0	17,5	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 80/90 SRE 28 U	6000 PSI	160	1/2"	28 x 3	28	22	13	38,1	54,0	17,5	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 100/90 SRE 25 U	6000 PSI	250	3/4"	25 x 3	25	19	19	47,6	65,0	22,3	63	50	18	24	38	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 100/90 SRE 28 U	6000 PSI	160	3/4"	28 x 3	28	22	19	47,6	65,0	22,3	63	50	18	24	38	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 100/90 SRE 30 U	6000 PSI	250	3/4"	30 x 4	30	22	19	47,6	65,0	22,3	63	50	18	24	38	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 100/90 SRE 35 U	6000 PSI	160	3/4"	35 x 4	35	27	19	47,6	65,0	22,3	63	50	18	24	38	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 102/90 SRE 30 U	6000 PSI	250	1"	30 x 4	30	22	25	52,4	70,0	26,2	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 102/90 SRE 35 U	6000 PSI	160	1"	35 x 4	35	27	25	52,4	70,0	26,2	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 102/90 SRE 38 U	6000 PSI	250	1"	38 x 4	38	30	25	52,4	70,0	26,2	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 102/90 SRE 42 U	6000 PSI	160	1"	42 x 3	42	36	25	52,4	70,0	26,2	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 104/90 SRE 38 U	6000 PSI	250	1.1/4"	38 x 4	38	30	32	58,7	79,0	30,2	85	68	21	34	51	11,5	(4 x) UNC 7/16 x 1.1/2
AFS 104/90 SRE 42 U	6000 PSI	160	1.1/4"	42 x 3	42	36	32	58,7	79,0	30,2	85	68	21	34	51	11,5	(4 x) UNC 7/16 x 1.1/2
AFS 104/90 SRE 48 U	6000 PSI	160	1.1/4"	48.3 x 4.5	49	39	32	58,7	79,0	30,2	85	68	21	34	51	11,5	(4 x) UNC 7/16 x 1.1/2
AFS 106/90 SRE 38 U	6000 PSI	210	1.1/2"	38 x 4	38	30	38	69,9	93,0	35,7	95	78	25	38	56	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 106/90 SRE 42 U	6000 PSI	160	1.1/2"	42 x 3	42	36	38	69,9	93,0	35,7	95	78	25	38	56	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 106/90 SRE 48 U	6000 PSI	160	1.1/2"	48.3 x 4.5	49	39	38	69,9	93,0	35,7	95	78	25	38	56	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 108/90 SRE 60 U	6000 PSI	200	2"	60.3 x 5.6	61	49	51	77,8	110,0	42,9	110	90	25	42	65	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 108/90 SRE 76 U	6000 PSI	200	2"	76.1 x 7.1	77	62	51	77,8	110,0	42,9	110	90	25	42	65	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 401/90 SRE 20 U	6000 PSI	315	1/2"	20 x 3	20	14	13	40,5	56,4	18,2	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 401/90 SRE 25 U	6000 PSI	315	1/2"	25 x 4	25	17	13	40,5	56,4	18,2	60	48	16	20	37	9,0	(4 x) UNC 5/16 x 1.1/4
AFS 402/90 SRE 25 U	6000 PSI	315	3/4"	25 x 4	25	17	19	50,8	71,3	23,8	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 402/90 SRE 30 U	6000 PSI	315	3/4"	30 x 4	30	22	19	50,8	71,3	23,8	70	60	19	28	43	11,0	(4 x) UNC 3/8 x 1.1/2
AFS 403/90 SRE 30 U	6000 PSI	315	1"	30 x 4	30	22	25	57,2	81,0	27,8	85	70	21	34	51	13,0	(4 x) UNC 7/16 x 1.1/2
AFS 403/90 SRE 38 U	6000 PSI	315	1"	38 x 5	38	28	25	57,2	81,0	27,8	85	70	21	34	51	13,0	(4 x) UNC 7/16 x 1.1/2
AFS 404/90 SRE 38 U	6000 PSI	315	1.1/4"	38 x 5	38	28	32	66,6	95,2	31,8	95	78	25	38	56	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 404/90 SRE 48 U	6000 PSI	315	1.1/4"	48.3 x 8	49	32	32	66,6	95,2	31,8	95	78	25	38	56	13,5	(4 x) UNC 1/2 x 1.3/4
AFS 405/90 SRE 38 U	6000 PSI	315	1.1/2"	38 x 5	38	28	38	79,3	112,8	36,5	110	94	25	42	65	17,0	(4 x) UNC 5/8 x 2
AFS 405/90 SRE 48 U	6000 PSI	315	1.1/2"	48.3 x 8	49	32	38	79,3	112,8	36,5	110	94	25	42	65	17,0	(4 x) UNC 5/8 x 2
AFS 405/90 SRE 60 U	6000 PSI	315	1.1/2"	60.3 x 10	61	40	38	79,3	112,8	36,5	110	94	25	42	65	17,0	(4 x) UNC 5/8 x 2

PN = Nominal pressure PB = Max. operating pressure

Product versions

AFS 90 SRE (3000 PSI)	SAE welded on flange, angle 90°, flange only
AFS 90 SRE M (3000 / 6000 PSI)	SAE welded on flange, angle 90°, with metric screw set and O-ring

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