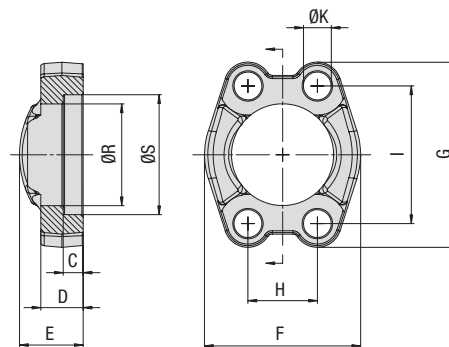


SAE Flange Clamp Type BM ▪ 3000 PSI Series



3000 PSI Standard Pressure Series (according to ISO 6162-1:2012)

Nominal Size		PN ¹ (bar/PSI)	Dimensions (mm/in)											Weight (kg/lbs) ca. per 100		for Bolts		Ordering Codes
DN	(in)	10.9	ØR	ØS	C	D	E	F	G	H	I	ØK ²				Metric	UNC	
13	1/2	350	24,3	31	6,2	13	19	46	54	17,5	38,1	8,7	13,7			M8x25	5/16-18 UNC x 1-1/4	BM-301-W66
		5075	.96	1.22	.24	.51	.75	1.81	2.13	.69	1.50	.34	30.14					
19	3/4	350	32,2	38,9	6,2	14	22	52	65	22,3	47,6	10,5	20,1			M10x30	3/8-16 UNC x 1-1/4	BM-302-W66
		5075	1.27	1.53	.24	.55	.87	2.05	2.56	.88	1.87	.41	44.22					
25	1	345	38,5	45,3	7,5	16	24	59	70	26,2	52,4	10,5	22,9			M10x30	3/8-16 UNC x 1-1/4	BM-303-W66
		5003	1.52	1.78	.30	.63	.94	2.32	2.76	1.03	2.06	.41	50.38					
32	1-1/4	280	43,7	51,6	7,5	14	22	73	79,5	30,2	58,7	12	30,0				7/16-14 UNC x 1-1/2	BM-304-U-W66
		4061	1.72	2.03	.30	.55	.87	2.87	3.13	1.19	2.31	.47	66.00					
32	1-1/4	280	43,7	51,6	7,5	14	22	73	79,5	30,2	58,7	12,5	32,3			M12x35		BM-304-M12-W66
		4061	1.72	2.03	.30	.55	.87	2.87	3.13	1.19	2.31	.49	71.06					
32	1-1/4	280	43,7	51,6	7,5	14	22	73	79,5	30,2	58,7	10,5	32,8			M10x30		BM-304-M-W66
		4061	1.72	2.03	.30	.55	.87	2.87	3.13	1.19	2.31	.41	72.16					
38	1-1/2	210	50,8	61,1	7,5	16	25	83	94	35,7	69,9	13,5	48,6			M12x35	1/2-13 UNC x 1-1/2	BM-305-W66
		3045	2.00	2.41	.30	.63	.98	3.27	3.70	1.41	2.75	.53	106.92					
38	1-1/2	210	50,8	61,1	7,5	16	25	83	94	35,7	69,9	15	45,0			M14x35		BM-305-M14-W66
		3045	2.00	2.41	.30	.63	.98	3.27	3.70	1.41	2.75	.59	99.00					
51	2	210	62,8	72,3	9	16	26	97	102	42,9	77,8	13,5	55,6			M12x35	1/2-13 UNC x 1-1/2	BM-306-W66
		3045	2.47	2.85	.35	.63	1.02	3.82	4.02	1.69	3.06	.53	122.32					
51	2	210	62,8	72,3	9	16	26	97	102	42,9	77,8	15	50,0			M14x35		BM-306-M14-W66
		3045	2.47	2.85	.35	.63	1.02	3.82	4.02	1.69	3.06	.59	110.00					
64	2-1/2	175	74,9	84,9	9	19	38	109	114,5	50,8	88,9	13,5	89,7			M12x40	1/2-13 UNC x 1-1/2	BM-307-W66
		2538	2.95	3.34	.35	.75	1.50	4.29	4.51	2.00	3.50	.53	197.34					
64	2-1/2	175	74,9	84,9	9	19	38	109	114,5	50,8	88,9	15	74,0			M14x40		BM-307-M14-W66
		2538	2.95	3.34	.35	.75	1.50	4.29	4.51	2.00	3.50	.59	162.80					
76	3	160	90,9	102,4	9	22	41	131	135	61,9	106,4	17	135,9			M16x50	5/8-11 UNC x 2	BM-308-W66
		2320	3.58	4.03	.35	.87	1.61	5.16	5.31	2.44	4.19	.67	298.99					
89	3-1/2	35	102,4	115,1	10,7	22	28	140	152	69,9	120,7	17	134,1			M16x50	5/8-11 UNC x 2	BM-309-W66
		508	4.03	4.53	.42	.87	1.10	5.51	5.98	2.75	4.75	.67	295.02					
102	4	35	115	127,8	10,7	25	35	152	162	77,8	130,2	17	166,0			M16x50	5/8-11 UNC x 2	BM-310-W66
		508	4.53	5.03	.42	.98	1.38	5.98	6.38	3.06	5.13	.67	365.20					
127	5	35	140,5	153,2	10,7	28	41	181	184	92,1	152,4	17	253,8			M16x55	5/8-11 UNC x 2-1/4	BM-311-W66
		508	5.53	6.03	.42	1.10	1.61	7.13	7.24	3.63	6.00	.67	558.36					

Materials / Ordering Options / Examples

- * Flange Clamp made of Steel S355J2 / C45 or equivalent, zinc-plated and thick-film-passivated
- * Flange Clamp made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request)
- * Flange Clamp made of Stainless Steel V4A – 1.4404 (on request)

BM-...-W66
BM-...-W3
BM-...-W5

- * Kit including Metric bolts 10.9, spring rings, O-ring made of NBR (Buna-N®)
- * Kit including Metric bolts 10.9, spring rings, O-ring made of FKM (Viton®)

BM-...-M-B-W129-K
BM-...-M-V-W129-K

- * Kit including UNC bolts (Grade 8), spring rings, O-ring made of NBR (Buna-N®)

BM-...-U-B-W129-K

¹ The maximum working pressure PN (bar/PSI) applies only to the flange itself and depends on the bolts used (Grade 10.9). The actual maximum working pressure depends on the thickness and the quality of the tube used.

² Dimensions of screw holes in part different to the ISO to match both Metric and UNC bolts.