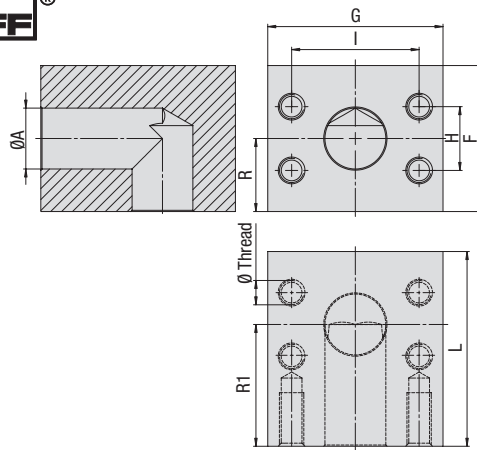




SAE Block L-Connection (Connector Style) Type BC-L ▪ 3000 / 6000 PSI Series



3000 PSI Standard Pressure Series (based on ISO 6162-1:2012)

Nominal Size		PN ¹ Bolts (^{bar} /PSI)	Dimensions (^{mm} / ⁱⁿ)								Weight (^{kg} /lbs) ca.	Ø Thread	Ordering Codes
DN	(in)	10.9	ØA	F	G	H	I	L	R	R1	per 100	Metric	
13	1/2	350	13	50	55	17,5	38,1	55	25	35	109,1	M8	BC-L-301-W66
		5075	.51	1.97	2.17	.69	1.50	2.17	.98	1.38	240.02		
20	3/4	350	19	60	65	22,3	47,6	60	30	40	157,9	M10	BC-L-302-W66
		5075	.75	2.36	2.56	.88	1.87	2.36	1.18	1.57	347.38		
25	1	345	24	65	72	26,2	52,4	65	33	40	204,3	M10	BC-L-303-W66
		5003	.94	2.56	2.83	1.03	2.06	2.56	1.30	1.57	449.46		
32	1-1/4	280	32	80	82	30,2	58,7	82	39	38	366,7	M10	BC-L-304-W66
		4061	1.26	3.15	3.23	1.19	2.31	3.23	1.54	1.50	806.74		
38	1-1/2	210	38	92	100	35,7	69,9	92	51	59	547,1	M12	BC-L-305-W66
		3045	1.50	3.62	3.94	1.41	2.75	3.62	2.01	2.32	1203.62		
51	2	210	51	87	102	42,9	77,8	85	51	48	403,4	M12	BC-L-306-W66
		3045	2.01	3.43	4.02	1.69	3.06	3.35	2.01	1.89	887.48		
64	2-1/2	175	62	120	110	50,8	88,9	110	60	65	966,5	M12	BC-L-307-W66
		2538	2.44	4.72	4.33	2.00	3.50	4.33	2.36	2.56	2126.30		
76	3	138	73	135	135	61,9	106,4	150	67,5	90	1629,3	M16	BC-L-308-W66
		2001	2.87	5.31	5.31	2.44	4.19	5.91	2.66	3.54	3584.46		
89	3-1/2	35	89	145	150	69,9	120,7	145	72,5	75	1744,7	M16	BC-L-309-W66
		508	3.50	5.71	5.91	2.75	4.75	5.71	2.85	2.95	3838.34		

6000 PSI High Pressure Series (based on ISO 6162-2:2012)

Nominal Size		PN ¹ Bolts	Dimensions								Weight	Ø Thread	Ordering Codes
DN	(in)	(^{bar} /PSI)	(^{mm} /in)								(^{kg} /lbs) ca.		
		10.9	ØA	F	G	H	I	L	R	R1	per 100	Metric	
13	1/2	420	13	50	60	18,2	40,5	60	25	40	130,0	M8	BC-L-601-W66
		6090	.51	1.97	2.36	.72	1.59	2.36	.98	1.57	286.00		
19	3/4	420	19	55	72	23,8	50,8	60	32	36	161,9	M10	BC-L-602-W66
		6090	.75	2.17	2.83	.94	2.00	2.36	1.26	1.42	356.18		
25	1	420	23	64	82	27,8	57,2	68	37	40	238,9	M12	BC-L-603-W66
		6090	.91	2.52	3.23	1.09	2.25	2.68	1.46	1.57	525.58		
32	1-1/4	420	30	72	100	31,8	66,6	76	41	46	233,4	M12	BC-L-604-W66
		6090	1.18	2.83	3.94	1.25	2.62	2.99	1.61	1.81	513.48		
32	1-1/4	420	30	72	100	31,8	66,6	76	41	46	233,4	M14	BC-L-604-M14-W66
		6090	1.18	2.83	3.94	1.25	2.62	2.99	1.61	1.81	513.48		
38	1-1/2	420	38	89	114	36,5	79,3	86	50	52	558,1	M16	BC-L-605-W66
		6090	1.50	3.50	4.49	1.44	3.12	3.39	1.97	2.05	1227.82		
51	2	420	50	107	133	44,5	96,8	107	64	70	894,4	M20	BC-L-606-W66
		6090	1.97	4.21	5.24	1.75	3.81	4.21	2.52	2.76	1967.68		
64	2-1/2	420	62	155	180	58,8	123,8	160	77,5	90	911,1	M24	BC-L-607-W1
		6090	2.44	6.10	7.09	2.31	4.87	6.30	3.05	3.54	2004.42		

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

Materials / Ordering Options / Examples

- * SAE Flange Block made of Steel S355J2 / C45 or equivalent, zinc-plated and thick-film-passivated **BC-L-...-W66**
- * SAE Flange Block made of Steel S355J2 / C45 or equivalent, blank (oiled) (on request) **BC-L-...-W1**
- * SAE Flange Block made of Steel S355J2 / C45 or equivalent, zinc/nickel-plated (on request) **BC-L-...-W3**
- * SAE Flange Block made of Stainless Steel V4A – 1.4404 (on request) **BC-L-...-W5**
- * Size of Metric tapped holes deviating from the standard (e.g. M14) **BC-L-...-M14-W66**