

Ball-bearing lifting point BLP



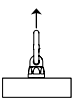
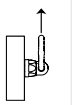
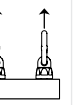
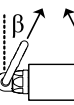
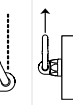
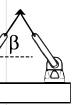
Stock No.	Code	Dimensions (in)									Weight (lb)
		B	C	D	L	L1	M	X	Y	Z	
Z102008	BLP-M8 x 1.25	1.38	2.16	0.51	0.62	4.40	0.31	2.24	2.44	Ø1.65	1.32
Z102010	BLP -M10 x 1.5	1.38	2.16	0.51	0.78	4.40	0.39	2.24	2.40	Ø1.65	1.32
Z102012	BLP -M12 x 1.75	1.38	2.16	0.51	0.94	4.40	0.47	2.24	2.40	Ø1.65	1.32
Z102016	BLP-M16 x 2	1.38	2.16	0.51	1.18	4.40	0.62	2.24	2.40	Ø1.65	1.32
Z102020	BLP-M20 x 2.5	1.34	2.24	0.66	1.18	5.19	0.78	2.95	2.63	Ø2.32	2.86
Z102024	BLP-M24 x 3	1.97	2.75	0.66	1.41	5.70	0.94	2.95	3.30	Ø2.32	3.30
Z102030	BLP-M30 x 3.5	2.13	3.77	0.86	1.77	4.01	1.18	4.17	3.89	Ø2.91	7.49
Z102036	BLP-M36 x 4	2.13	3.77	0.86	2.12	4.01	1.41	4.17	3.89	Ø2.91	7.71
Z102042	BLP-M42 x 4.5	2.76	4.72	1.10	2.48	9.52	1.65	4.80	5.00	Ø3.66	14.3
Z102048	BLP-M48 x 5	2.76	4.72	1.10	2.83	9.52	1.88	4.80	5.00	Ø3.66	14.9

BLP with UNC thread



Stock No.	Code	Dimensions (in)									Weight (lb)
		B	C	D	L	L1	X	Y	Z	M	
Z102108	BLP-5/16"-18 UNC	1.38	2.16	0.51	0.62	4.40	2.24	2.40	Ø1.65	5/16"	1.32
Z102110	BLP-3/8"-16 UNC	1.38	2.16	0.51	0.78	4.40	2.24	2.40	Ø1.65	3/8"	1.32
Z102112	BLP-1/2"-13 UNC	1.38	2.16	0.51	0.94	4.40	2.24	2.40	Ø1.65	1/2"	1.32
Z102116	BLP-5/8"-11 UNC	1.38	2.16	0.51	1.18	4.40	2.24	2.40	Ø1.65	5/8"	1.32
Z102120	BLP-3/4"-10 UNC	1.34	2.24	0.66	1.18	5.19	2.95	2.63	Ø2.32	3/4"	2.86
Z102121	BLP-7/8"-9 UNC	1.97	2.24	0.66	1.18	5.19	2.95	2.63	Ø2.32	7/8"	2.86
Z102124	BLP-1"-8 UNC	2.13	2.75	0.66	1.49	5.70	2.95	3.30	Ø2.32	1"	3.30
Z102130	BLP-1 1/4"-7 UNC	2.13	3.77	0.86	1.88	7.95	4.17	3.89	Ø2.91	1 1/4"	7.49
Z102136	BLP-1 1/2"-6 UNC	2.76	3.77	0.86	2.24	7.95	4.17	3.89	Ø2.91	1 1/2"	7.93
Z102142	BLP-1 3/4"-5 UNC	2.76	4.72	1.10	2.63	9.52	4.80	5.00	Ø3.66	1 3/4"	14.5
Z102148	BLP-2"-4.5 UNC	2.76	4.72	1.10	2.99	9.52	4.80	5.00	Ø3.66	2"	15.4

Working Load Limits* - BLP

Symmetric Load (lb)	        										Tightening torque	Spanner Size
	No. of Legs	Angle β	1	1	2	2	2 Symmetric	2 Symmetric	3 & 4 Symmetric	3 & 4 Symmetric		
			0°*	90°	0°	0 - 45°	90°	0 - 45°	45° - 60°	0 - 45°	45° - 60°	
BLP -M8x1.25	1322		661	2645	882	1322	661	882	882	992	10 Nm	36 mm
BLP 5/16"-18 UNC	1322		661	2645	882	1322	661	882	882	992	7Ft.Lb	1 1/2" UNC
BLP -M10x1.5	2204		1102	4408	1543	2204	1102	1543	1543	1653	15 Nm	36 mm
BLP 3/8"-16 UNC	1763		882	3526	1102	1763	882	1102	1102	1322	11Ft.Lb	1 1/2" UNC
BLP -M12x1.75	3306		1653	6612	2425	3306	1653	2424	2424	2424	27 Nm	36 mm
BLP 1/2"-13 UNC	3306		1653	6612	2425	3306	1653	2424	2424	2424	20Ft.Lb	1 1/2" UNC
BLP -M16x2	6612		3306	13224	4630	6612	3306	4628	4628	4849	60 Nm	36 mm
BLP 5/8"-11 UNC	6612		3306	13224	4630	6612	3306	4628	4628	4849	44Ft.Lb	1 1/2" UNC
BLP -M20x2.5	11020		5510	22040	7716	11020	5510	7714	7714	8155	90 Nm	50 mm
BLP 3/4"-10 UNC	9918		4959	19836	6834	9918	4959	6832	6832	7273	66Ft.Lb	2" UNC
BLP 7/8"-9 UNC	13224		6612	26448	9259	13224	6612	9257	9257	9918	66Ft.Lb	2" UNC
BLP-M24x3	15428		8816	30856	12346	17632	8816	12342	12342	13224	135 Nm	50 mm
BLP-1"-8 UNC	15428		8816	30856	12346	17632	8816	12342	12342	13224	100Ft.Lb	2" UNC
BLP-M30x3.5	26448		13224	52896	18519	26448	13224	18514	18514	19836	270 Nm	65 mm
BLP-1 1/4"-7 UNC	26448		13224	52896	18519	26448	13224	18514	18514	19836	200Ft.Lb	2 5/8" UNC
BLP-M36x4	30856		17632	61712	24692	35264	17632	24685	24685	26448	320 Nm	65 mm
BLP-1 1/2"-6 UNC	30856		17632	61712	24692	35264	17632	24685	24685	26448	236Ft.Lb	2 5/8" UNC
BLP-M42x4.5	35264		22040	70528	30864	44080	22040	30856	30856	33060	600 Nm	85 mm
BLP-1 3/4"-5 UNC	35264		22040	70528	30864	44080	22040	30856	30856	33060	440Ft.Lb	3 1/8" UNC
BLP-M48x5	39672		28652	79344	40124	57304	28652	40113	40113	42978	800 Nm	85 mm
BLP-2"-4.5 UNC	39672		28652	79344	40124	57304	28652	40113	40113	42978	590Ft.Lb	3 1/8" UNC

* provided only axial loading takes place, ie no bending force applied in the direction of the thread.