

BML SERIES LOCKNUT CYLINDER

CAPACITY: 50-1000T
 MAX. PRESSURE: 700 Bar
 LOAD RETURN



Safety Practices

80% Good industry practice recommends not exceeding 80% of the max. rated capacity.

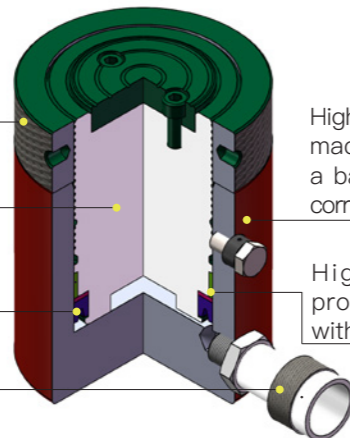
BML-series is a design that features a threaded piston rod and lock ring. When the lock ring is screwed down and engaged with the cylinder body, the load can be held mechanically for extended periods. These cylinders are ideally suited to bridge construction and maintenance and jacking applications requiring safe extended load holding. All BML-Series cylinders feature a hard chrome bore for maximum corrosion resistance and a special coating on the piston rod and lock ring to resist corrosion and abrasion. Hardened removable saddles are standard and tilt saddles are optional. An oil overflow port which restricts piston stroke is standard on all models. Valves to ensure long term, trouble free performance.

Mechanical locking nut design, long time load, more safe

QPQ treated piston reduces wear and corrosion

Industrial U-cup style seal prevents costly leaks

Standard coupler provided with dust cover

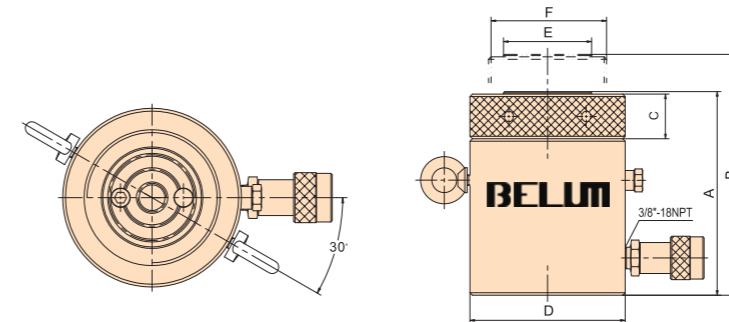


High strength alloy steel body is precision machined to reduce wear and features a baked enamel finish for durability and corrosion protection

High strength composite bearing provides support for off center loads without damaging the cylinder walls

Saddle Selection

Tilt Saddle Model	Cylinder Cap. ton	Tilt Saddle Model	Cylinder Cap. ton
ST-100	50	ST-400	400
ST-100	100	ST-500	500
ST-200	150	ST-600	600
ST-200	200	ST-800	800
ST-250	250	ST-1000	1000
ST-300	300		



Model	Capacity @ 10,000 PSI (700 bar)	Stroke	Effective Area	Oil Capacity	Closed Height	Extended Height	Locknut Thickness	Outside Diam.	Saddle Diam.	Piston Diam.	Weight
	Metric Ton				mm	mm					
BML-502	50	50	70.8	354	164	214	36	125	71	Tr 95x4	15
BML-504	50	100	70.8	708	214	314	36	125	71	Tr 95x4	20
BML-506	50	150	70.8	1062	264	414	36	125	71	Tr 95x4	25
BML-508	50	200	70.8	1416	314	514	36	125	71	Tr 95x4	30
BML-5010	50	250	70.8	1770	364	614	36	125	71	Tr 95x4	35
BML-5012	50	300	70.8	2124	414	714	36	125	71	Tr 95x4	40
BML-1002	100	50	132.7	663.5	187	237	44	165	71	Tr 130x6	30
BML-1004	100	100	132.7	1327	237	337	44	165	71	Tr 130x6	39
BML-1006	100	150	132.7	1990.5	287	437	44	165	71	Tr 130x6	48
BML-1008	100	200	132.7	2654	337	537	44	165	71	Tr 130x6	56
BML-10010	100	250	132.7	3317.5	387	637	44	165	71	Tr 130x6	64
BML-10012	100	300	132.7	3981	437	737	44	165	71	Tr 130x6	73
BML-1502	150	50	201	1005	209	259	44	205	130	Tr160x6	53
BML-1504	150	100	201	2010	259	359	44	205	130	Tr160x6	66
BML-1506	150	150	201	3015	309	459	44	205	130	Tr160x6	78
BML-1508	150	200	201	4020	359	559	44	205	130	Tr160x6	92
BML-15010	150	250	201	5025	409	659	44	205	130	Tr160x6	104
BML-15012	150	300	201	6030	459	759	44	205	130	Tr160x6	117
BML-2002	200	50	268.8	1417	243	293	50	235	130	Tr185x6	83
BML-2006	200	150	268.8	4251	343	493	50	235	130	Tr185x6	118
BML-20012	200	250	268.8	7085	443	693	50	235	130	Tr185x6	153
BML-2502	250	50	362.9	1814.5	249	299	56	275	150	Tr 215x6	116
BML-2506	250	150	362.9	5443.5	349	499	56	275	150	Tr 215x6	163
BML-25012	250	250	362.9	9072.5	449	699	56	275	150	Tr 215x6	210
BML-3002	300	50	452.2	2261	295	345	60	310	139	Tr 240x6	173
BML-3006	300	150	452.2	6783	395	545	60	310	139	Tr 240x6	233
BML-30012	300	250	452.2	11305	495	745	60	310	139	Tr 240x6	293
BML-4002	400	50	572	2905	335	385	70	350	159	Tr 265x6	251
BML-4006	400	150	572	8715	435	585	70	350	159	Tr 265x6	327
BML-40012	400	250	572	14525	535	785	70	350	159	Tr 265x6	403
BML-5002	500	50	730.2	3651	375	425	80	400	179	Tr 305x6	367
BML-5006	500	150	730.2	10953	475	625	80	400	179	Tr 305x6	467
BML-50012	500	250	730.2	18255	575	825	80	400	179	Tr 305x6	568
BML-6002	600	50	854.9	4274.5	395	445	85	430	194	Tr 330x6	447
BML-6006	600	150	854.9	12823.5	495	645	85	430	194	Tr 330x6	563
BML-60012	600	250	854.9	21372.5	595	845	85	430	194	Tr 330x6	680
BML-8002	800	50	1163.6	5818	455	505	100	505	224	Tr 385x6	711
BML-8006	800	150	1163.6	17454	555	705	100	505	224	Tr 385x6	871
BML-80012	800	250	1163.6	29090	655	905	100	505	224	Tr 385x6	1031
BML-10002	1000	50	1451.5	7257.5	495	545	110	560	249	Tr 430x6	951
BML-10006	1000	150	1451.5	21772.5	595	745	110	560	249	Tr 430x6	1143
BML-10012	1000	250	1451.5	36287.5	695	945	110	560	249	Tr 430x6	1335