BMLL SERIES PANCAKE LOCKNUT CYLINDER

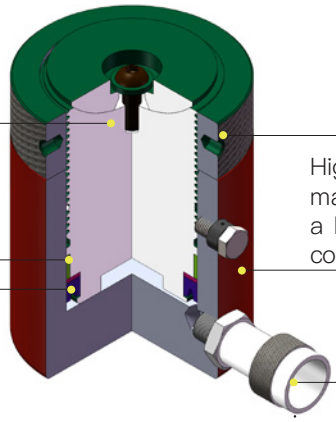
CAPACITY: 60-500T
MAX. PRESSURE: 700 Bar
LOAD RETURN

The BMLL–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 BMLL–Series cylinders feature a hard chrome bore for

QPQ treated piston reduces wear and corrosion

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

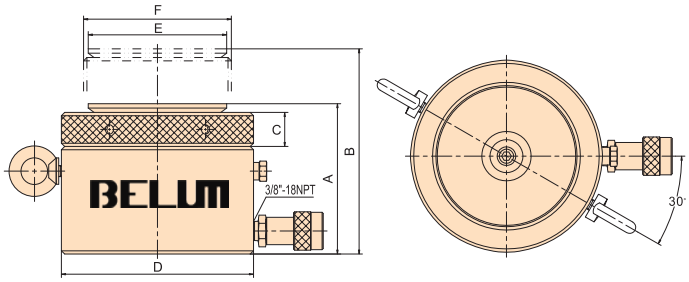
Industrial U–cup style seal prevents costly leaks



Mechanical locking nut design, long time load, more safe

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

Standard coupler provided with dust cover



80%

Safety Practices

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

Model	Capacity @10,000 PSI (700 bar)	Stroke	Effective Area	Oil Capacity	Closed Height	Extended Height	Locknut Thickness	Outside Diam.	Saddle Diam.	Piston Thread	Weight
					A	B	C	D	E	F	
	Metric Ton	mm	cm^2	cm^3	mm	mm	mm	mm	mm	mm	kg
BMLL-602	60	50	86.6	433	125	175	28	140	96	Tr 104×4	14.5
BMLL-1002	100	50	143.1	715	137	187	31	175	126	Tr 134.5×6	23.5
BMLL-1602	160	45	226.9	1021	148	193	40	220	159	Tr 170×6	41.5
BMLL-2002	200	45	283.4	1275	155	200	43	245	180	Tr 190×6	57
BMLL-2502	250	45	362.9	1633	159	204	44	275	200	Tr 215×6	74
BMLL-4002	400	45	551.3	2481	178	223	55	350	250	Tr 265×6	134
BMLL-5002	520	45	730.3	3286	192	237	62	400	290	Tr 305×6	189