

CLL-series, single-acting lock nut cylinders



- Single-acting, load return
- Safety lock nut for mechanical load holding
- Special synthetic coating for improved corrosion resistance and lower friction for smoother operation
- Overflow port functions as a stroke limiter
- Interchangeable, hardened grooved saddles are standard
- CR-400 coupler and dust cap included on all models
- Plunger wiper reduces contamination, extending cylinder life
- Higher capacities: 1500 and 2000 ton models available on request

Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Weight
ton (kN)	mm		cm ²	cm ³	mm	mm	mm	kg
50 (496)	50	CLL-502	70,9	355	164	214	125	15
	100	CLL-504	70,9	709	214	314	125	20
	150	CLL-506	70,9	1064	264	414	125	25
	200	CLL-508	70,9	1418	314	514	125	30
	250	CLL-5010	70,9	1773	364	614	125	35
	300	CLL-5012	70,9	2127	414	714	125	40
100 (929)	50	CLL-1002	132,7	664	187	237	165	30
	100	CLL-1004	132,7	1327	237	337	165	39
	150	CLL-1006	132,7	1991	287	437	165	48
	200	CLL-1008	132,7	2654	337	537	165	56
	250	CLL-10010	132,7	3318	387	637	165	64
	300	CLL-10012	132,7	3981	437	737	165	73
150 (1390)	50	CLL-1502	198,6	993	209	259	205	53
	100	CLL-1504	198,6	1986	259	359	205	66
	150	CLL-1506	198,6	2979	309	459	205	78
	200	CLL-1508	198,6	3972	359	559	205	92
	250	CLL-15010	198,6	4965	409	659	205	104
	300	CLL-15012	198,6	5958	459	759	205	117
200 (1859)	50	CLL-2002	265,6	1330	243	293	235	83
	150	CLL-2006	265,6	3989	343	493	235	117
	300	CLL-20012	265,6	7995	493	793	235	170
250 (2562)	50	CLL-2502	366,1	1832	249	299	275	116
	150	CLL-2506	366,1	5496	349	499	275	162
	250	CLL-25012	366,1	9160	449	799	275	234
300 (3193)	50	CLL-3002	456,2	2281	295	345	310	173
	150	CLL-3006	456,2	6843	395	545	310	233

	300	CLL-30012	456,2	13740	545	845	310	323
400 (3919)	50	CLL-4002	559,9	2800	335	385	350	250
	150	CLL-4006	559,9	8399	435	585	350	327
	300	CLL-40012	559,9	16800	585	885	350	441
500 (5118)	50	CLL-5002	731,1	3656	375	425	400	367
	150	CLL-5006	731,1	10967	475	625	400	466
	300	CLL-50012	731,1	21930	625	925	400	617
600 (5983)	50	CLL-6002	854,8	4277	395	445	430	446
	150	CLL-6006	854,8	12830	495	645	430	562
	300	CLL-60012	854,8	25650	645	945	430	737
800 (8238)	50	CLL-8002	1176,9	5882	455	505	505	709
	150	CLL-8006	1176,9	17645	555	705	505	870
	300	CLL-80012	1176,9	35370	705	1005	505	1110
1000 (10260)	50	CLL-10002	1466,4	7329	495	545	560	949
	150	CLL-10006	1466,4	21986	595	745	560	1141
	300	CLL-100012	1466,4	43980	745	1045	560	1430

Models above 150 ton are also available with standard stroke lengths of 100, 200 and 250 mm.

For lightweight aluminium lock nut cylinders see RACL-series cylinders.