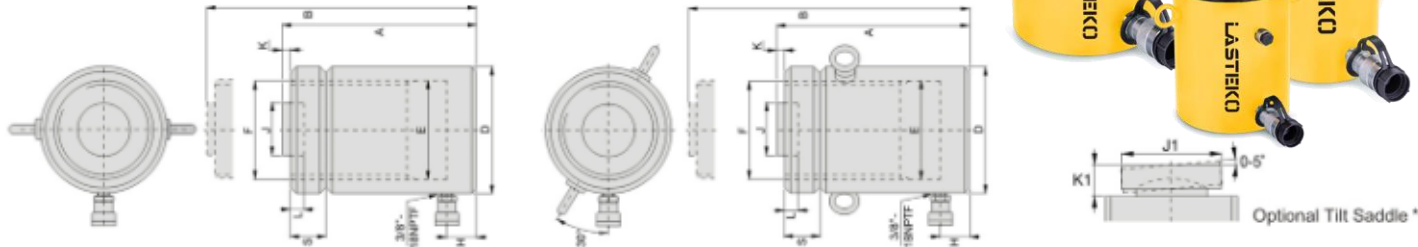


# CLL SERIES

Specifications

Inquiry

- Interchangeable, hardened grooved saddles are standard
- Overflow port functions as a stroke limiter
- Special synthetic coating for improved corrosion resistance and lower friction for smoother operation
- Safety Lock Nut for mechanical load holding
- Single acting, load return



Cylinder Capacity ton (kN)	Stroke (mm)	Model Number	Cylinder Effective Area (cm <sup>2</sup> )	Oil Capacity (cm <sup>3</sup> )
50 (498)	50	CLL-502	70.9	355
	100	CLL-504	70.9	709
	150	CLL-506	70.9	1064
	200	CLL-508	70.9	1418
	250	CLL-5010	70.9	1773
300	CLL-5012	70.9	2127	
100 (929)	50	CLL-1002	132.7	664
	100	CLL-1004	132.7	1327
	150	CLL-1006	132.7	1991
	200	CLL-1008	132.7	2654
	250	CLL-10010	132.7	3318
300	CLL-10012	132.7	3981	
150 (1390)	50	CLL-1502	198.6	993
	100	CLL-1504	198.6	1986
	150	CLL-1506	198.6	2979
	200	CLL-1508	198.6	3972
	250	CLL-15010	198.6	4965
300	CLL-15012	198.6	5958	
200 (1859)	50	CLL-2002	265.6	1330
	150	CLL-2006	265.6	3989
	300	CLL-20012	265.6	7995
250 (2562)	50	CLL-2502	366.1	1832
	150	CLL-2506	366.1	5496
	300	CLL-25012	366.1	10995
300 (3193)	50	CLL-3002	456.2	2281
	150	CLL-3006	456.2	6843
	300	CLL-30012	456.2	13740
400 (3919)	50	CLL-4002	559.9	2800
	150	CLL-4006	559.9	8399
	300	CLL-40012	559.9	16800
500 (5118)	50	CLL-5002	731.1	3653
	150	CLL-5006	731.1	10959
	300	CLL-50012	731.1	21930
600 (5983)	50	CLL-6002	854.8	4277
	150	CLL-6006	854.8	12830
	300	CLL-60012	854.8	25650
800 (8238)	50	CLL-8002	1176.9	5882
	150	CLL-8006	1176.9	17645
	300	CLL-80012	1176.9	35370
1000 (10260)	50	CLL-10002	1466.4	7329
	150	CLL-10006	1466.4	21986
	300	CLL-100012	1466.4	43980

Coll. Height A (mm)	Ext. Height B (mm)	Outs. Dia. D (mm)	Cyl. Bore Dia. E (mm)	Plunger Dia. (Threaded) F (mm)	Base to Adv. Port G (mm)	Standard Saddle Dia. H (mm)	Saddle Protr. from Plgr. I (mm)	Depth of Plunger Hole J (mm)	Lock-nut Height K (mm)	Weight L (kg)	Model Number	* Optional Tilt Saddle		
												Saddle Dia. N (mm)	Saddle Height O (mm)	Saddle Model Number P
164	214	125	95.0	Tr 95 x 4	30	71	2	13	36	15	CLL-502	71	24	CAT-100
214	314	125	95.0	Tr 95 x 4	30	71	2	13	36	20	CLL-504	71	24	CAT-100
264	414	125	95.0	Tr 95 x 4	30	71	2	13	36	25	CLL-506	71	24	CAT-100
314	514	125	95.0	Tr 95 x 4	30	71	2	13	36	30	CLL-508	71	24	CAT-100
364	614	125	95.0	Tr 95 x 4	30	71	2	13	36	35	CLL-5010	71	24	CAT-100
414	714	125	95.0	Tr 95 x 4	30	71	2	13	36	40	CLL-5012	71	24	CAT-100
187	237	165	130.0	Tr 130 x 6	30	71	2	13	44	30	CLL-1002	71	24	CAT-100
237	337	165	130.0	Tr 130 x 6	30	71	2	13	44	39	CLL-1004	71	24	CAT-100
287	437	165	130.0	Tr 130 x 6	30	71	2	13	44	48	CLL-1006	71	24	CAT-100
337	537	165	130.0	Tr 130 x 6	30	71	2	13	44	56	CLL-1008	71	24	CAT-100
387	637	165	130.0	Tr 130 x 6	30	71	2	13	44	64	CLL-10010	71	24	CAT-100
437	737	165	130.0	Tr 130 x 6	30	71	2	13	44	73	CLL-10012	71	24	CAT-100
209	259	205	159.0	Tr 159 x 6	39	130	2	25	44	53	CLL-1502	130	20	CAT-200
259	359	205	159.0	Tr 159 x 6	39	130	2	25	44	66	CLL-1504	130	20	CAT-200
309	459	205	159.0	Tr 159 x 6	39	130	2	25	44	78	CLL-1506	130	20	CAT-200
359	559	205	159.0	Tr 159 x 6	39	130	2	25	44	92	CLL-1508	130	20	CAT-200
409	659	205	159.0	Tr 159 x 6	39	130	2	25	44	104	CLL-15010	130	20	CAT-200
459	759	205	159.0	Tr 159 x 6	39	130	2	25	44	117	CLL-15012	130	20	CAT-200
243	293	235	184.0	Tr 184 x 6	50	130	2	25	50	83	CLL-2002	130	20	CAT-200
343	493	235	184.0	Tr 184 x 6	50	130	2	25	50	117	CLL-2006	130	20	CAT-200
493	793	235	184.0	Tr 184 x 6	50	130	2	25	50	170	CLL-20012	130	20	CAT-200
249	299	275	216.0	Tr 216 x 6	50	150	2	25	56	116	CLL-2502	150	21	CAT-250
349	499	275	216.0	Tr 216 x 6	50	150	2	25	56	162	CLL-2506	150	21	CAT-250
499	799	275	216.0	Tr 216 x 6	50	150	2	25	56	234	CLL-25012	150	21	CAT-250
295	345	310	241.0	Tr 241 x 6	59	139	5	25	60	173	CLL-3002	195	75	CAT-300
395	545	310	241.0	Tr 241 x 6	59	139	5	25	60	233	CLL-3006	195	75	CAT-300
545	845	310	241.0	Tr 241 x 6	59	139	5	25	60	323	CLL-30012	195	75	CAT-300
335	385	350	267.0	Tr 266 x 6	70	159	5	25	70	250	CLL-4002	225	85	CAT-400
435	585	350	267.0	Tr 266 x 6	70	159	5	25	70	327	CLL-4006	225	85	CAT-400
585	885	350	267.0	Tr 266 x 6	70	159	5	25	70	441	CLL-40012	225	85	CAT-400
375	425	400	305.0	Tr 305 x 6	80	179	5	25	80	367	CLL-5002	250	91	CAT-500
475	625	400	305.0	Tr 305 x 6	80	179	5	25	80	466	CLL-5006	250	91	CAT-500
625	925	400	305.0	Tr 305 x 6	80	179	5	25	80	617	CLL-50012	250	91	CAT-500
395	445	430	330.0	Tr 330 x 6	85	194	5	25	85	446	CLL-6002	275	96	CAT-600
495	645	430	330.0	Tr 330 x 6	85	194	5	25	85	562	CLL-6006	275	96	CAT-600
645	945	430	330.0	Tr 330 x 6	85	194	5	25	85	737	CLL-60012	275	96	CAT-600
455	505	505	387.0	Tr 387 x 6	100	224	5	25	100	709	CLL-8002	320	123	CAT-800
555	705	505	387.0	Tr 387 x 6	100	224	5	25	100	870	CLL-8006	320	123	CAT-800
705	1005	505	387.0	Tr 387 x 6	100	224	5	25	100	1110	CLL-80012	320	123	CAT-800
495	545	560	432.0	Tr 432 x 6	110	249	5	25	110	949	CLL-10002	360	136	CAT-1000
595	745	560	432.0	Tr 432 x 6	110	249	5	25	110	1141	CLL-10006	360	136	CAT-1000
745	1045	560	432.0	Tr 432 x 6	110	249	5	25	110	1430	CLL-100012	360	136	CAT-1000