

Single Acting Lock Nut Gravity Return Cylinders


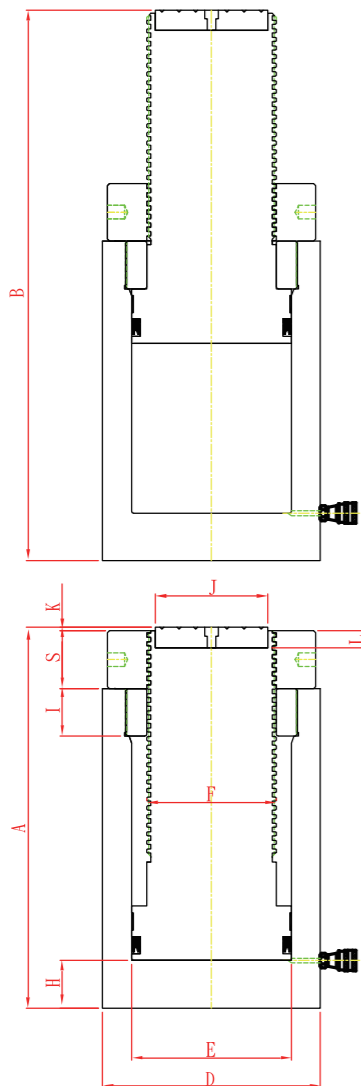


**Capacity:**  
50-1,500 Tons

**Stroke:**  
50-500 mm

**Max. Operating Pressure:**  
700bar/10,000psi

**SLN Series**

Model No.	Capacity	Stroke	Piston Area	Oil Volume
	Ton/Kn	mm	cm <sup>2</sup>	cm <sup>3</sup>
SLN-502	50	50	86.6	433
SLN-506		150	86.6	1299
SLN-5012		300	86.6	2598
SLN-5020		500	86.6	4330
SLN-1002	100	50	154	770
SLN-1006		150	154	2309
SLN-10012		300	154	4618
SLN-10020		500	154	7697
SLN-1502	150	50	227	1135
SLN-1506		150	227	3405
SLN-15012		300	227	6809
SLN-15020		500	227	11349
SLN-2002	200	50	298.7	1493
SLN-2006		150	298.7	4480
SLN-20012		300	298.7	8959
SLN-20020		500	298.7	14932
SLN-2502	250	50	363.05	1815
SLN-2506		150	363.05	5446
SLN-25012		300	363.05	10892
SLN-25020		500	363.05	18153
SLN-3002	300	50	433.73	2169
SLN-3006		150	433.73	6506
SLN-30012		300	433.73	13012
SLN-30020		500	433.73	21687
SLN-4002	400	50	572.56	2863
SLN-4006		150	572.56	8588
SLN-40012		300	572.56	17177
SLN-40020		500	572.56	28628
SLN-5002	500	50	730.62	3653
SLN-5006		150	730.62	10959
SLN-50012		300	730.62	21919
SLN-50020		500	730.62	36531
SLN-6002	600	50	865.7	4329
SLN-6006		150	865.7	12986
SLN-60012		300	865.7	25971
SLN-60020		500	865.7	43285
SLN-8002	800	50	1164.16	5821
SLN-8006		150	1164.16	17462
SLN-80012		300	1164.16	34925
SLN-80020		500	1164.16	58208
SLN-10002	1000	50	1452.2	7261
SLN-10006		150	1452.2	21783
SLN-100012		300	1452.2	43566
SLN-100020		500	1452.2	72610
SLN-12002	1200	50	1809.6	9048
SLN-12006		150	1809.6	27143
SLN-120012		300	1809.6	54287
SLN-120020		500	1809.6	90475
SLN-15002	1500	50	2206.2	11031
SLN-15006		150	2206.2	33093
SLN-150012		300	2206.2	66186
SLN-150020		500	2206.2	110309

Single Acting Lock Nut Gravity Return Cylinders

- SLN Series high tonnage safety lock nut cylinders for mechanical load holding for up to 1,500 tons
- Single-acting, load return, stop ring design
- Special synthetic coating on external surface and plated chrome pistons provide superior corrosion resistance
- C8F coupler and dustcap included on all models
- Customized capacity and strokes available

Collapsed Height A	Extended Height B	Cylinder Dia. D	Bore Dia. E	Plunger Dia. F	Port Height H	Stop Ring Height I	Saddle Dia. J	Sadle Thickness L	Clearance Between Saddle And Lock Nut K	Lock Nut Height S	Weight kgs	Model No.
189	239	145	105	80×P8	30	40	55	20	3	35	23	SLN-502
308	458	145	105	80×P8	30	40	55	20	3	35	36	SLN-506
513	813	145	105	80×P8	30	40	55	20	3	35	58	SLN-5012
793	1293	145	105	80×P8	50	60	55	20	3	35	89	SLN-5020
238	288	185	140	110×P8	45	45	85	20	3	50	48	SLN-1002
338	488	185	140	110×P8	45	45	85	20	3	50	65	SLN-1006
533	833	185	140	110×P8	45	45	85	20	3	50	99	SLN-10012
813	1313	185	140	110×P8	65	65	85	20	3	50	148	SLN-10020
268	318	225	170	135×P8	50	55	110	20	3	60	104	SLN-1502
368	518	225	170	135×P8	50	55	110	20	3	60	138	SLN-1506
533	833	225	170	135×P8	50	55	110	20	3	60	195	SLN-15012
833	1333	225	170	135×P8	70	75	110	20	3	60	302	SLN-15020
293	343	265	195	155×P8	60	60	130	25	3	70	123	SLN-2002
393	543	265	195	155×P8	60	60	130	25	3	70	158	SLN-2006
553	853	265	195	155×P8	60	60	130	25	3	70	215	SLN-20012
848	1348	265	195	155×P8	80	60	130	25	3	70	325	SLN-20020
323	373	290	215	170×P10	65	70	145	25	3	80	162	SLN-2502
423	573	290	215	170×P10	65	70	145	25	3	80	203	SLN-2506
578	878	290	215	170×P10	65	70	145	25	3	80	268	SLN-25012
868	1368	290	215	170×P10	65	70	145	25	3	80	398	SLN-25020
340	390	320	235	190×P10	70	70	165	25	5	85	210	SLN-3002
440	590	320	235	190×P10	70	70	165	25	5	85	261	SLN-3006
610	910	320	235	190×P10	70	70	165	25	5	85	351	SLN-30012
930	1430	320	235	190×P10	70	70	165	25	5	85	530	SLN-30020
370	420	370	270	220×P10	80	75	195	30	5	95	306	SLN-4002
470	620	370	270	220×P10	80	75	195	30	5	95	375	SLN-4006
630	930	370	270	220×P10	80	75	195	30	5	95	488	SLN-40012
955	1455	370	270	220×P10	80	75	195	30	5	95	733	SLN-40020
410	460	410	305	250×P12	90	85	220	30	5	110	417	SLN-5002
510	660	410	305	250×P12	90	85	220	30	5	110	501	SLN-5006
675	975	410	305	250×P12	90	85	220	30	5	110	645	SLN-50012
980	1480	410	305	250×P12	90	85	220	30	5	110	924	SLN-50020
435	485	450	332	270×P12	100	90	240	30	5	120	533	SLN-6002
535	685	450	332	270×P12	100	90	240	30	5	120	635	SLN-6006
705	1005	450	332	270×P12	100	90	240	30	5	120	813	SLN-60012
1010	1510	450	332	270×P12	100	90	240	30	5	120	1149	SLN-60020
490	540	520	385	320×P12	115	105	285	30	5	135	804	SLN-8002
590	740	520	385	320×P12	115	105	285	30	5	135	944	SLN-8006
760	1060	520	385	320×P12	115	105	285	30	5	135	1185	SLN-80012
1055	1555	520	385	320×P12	115	105	285	30	5	135	1622	SLN-80020
540	590	580	430	350×P12	130	115	310	30	5	150	1097	SLN-10002
640	790	580	430	350×P12	130	115	310	30	5	150	1254	SLN-10006
790	1090	580	430	350×P12	130	115	310	30	5	150	1489	SLN-100012
1085	1585	580	430	350×P12	130	115	310	30	5	150	2000	SLN-100020
620	670	650	480	390×P12	145	130	345	35	10	165	1595	SLN-12002
720	870	650	480	390×P12	145	130	345	35	10	165	1808	SLN-12006
870	1170	650	480	390×P12	145	130	345	35	10	165	2127	SLN-120012
1120	1620	650	480	390×P12	145	130	345	35	10	165	2682	SLN-120020
680	730	720	530	420×P12	160	150	370	35	10	180	2146	SLN-15002
780	930	720	530	420×P12	160	150	370	35	10	180	2403	SLN-15006
930	1230	720	530	420×P12	160	150	370	35	10	180	2786	SLN-150012
1150	1650	720	530	420×P12	160	150	370	35	10	180	3362	SLN-150020