

Double Acting Lock Nut Cylinders



Capacity:
50-1,500 Tons

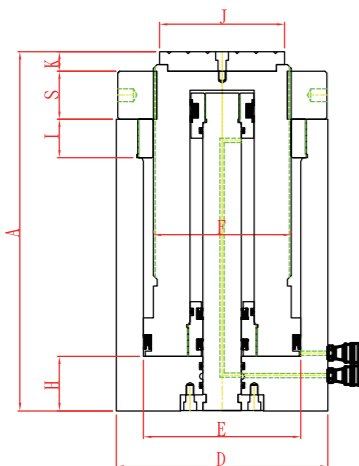
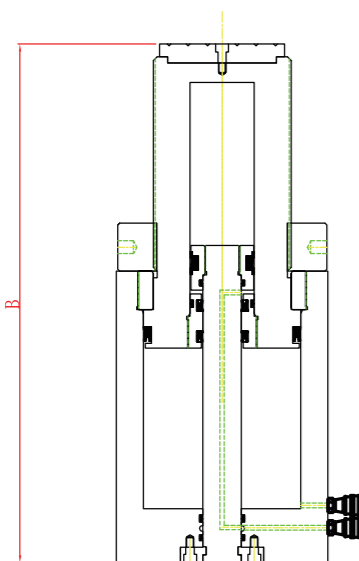
Stroke:
50-500 mm

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

DLN Series



Model No.	Capacity	Stroke	Piston Area	Oil Volume
	Ton/Kn	mm	cm ²	cm ³
DLN-502	50	50	110	551
DLN-506		100	110	1652
DLN-5012		300	110	3304
DLN-5016		500	110	5507
DLN-1002	100	50	164.15	821
DLN-1006		100	164.15	2462
DLN-10012		300	164.15	4924
DLN-10020		500	164.15	8207
DLN-1502	150	50	234.84	1174
DLN-1506		100	234.84	3522
DLN-15012		300	234.84	7045
DLN-15020		500	234.84	11742
DLN-2002	200	50	294.53	1472
DLN-2006		100	294.53	4418
DLN-20012		300	294.53	8835
DLN-20020		500	294.53	14726
DLN-2502	250	50	373.85	1869
DLN-2506		100	373.85	5608
DLN-25012		300	373.85	11215
DLN-25020		500	373.85	18692
DLN-3002	300	50	443.16	2216
DLN-3006		100	443.16	6647
DLN-30012		300	443.16	13295
DLN-30020		500	443.16	22158
DLN-4002	400	50	582.57	2913
DLN-4006		100	582.57	8738
DLN-40012		300	582.57	17477
DLN-40020		500	582.57	29128
DLN-5002	500	50	716.29	3581
DLN-5006		100	716.29	10744
DLN-50012		300	716.29	21488
DLN-50020		500	716.29	35814
DLN-6002	600	50	869.44	4347
DLN-6006		100	869.44	13041
DLN-60012		300	869.44	26083
DLN-60020		500	869.44	43472
DLN-8002	800	50	1175.16	5876
DLN-8006		100	1175.16	17627
DLN-80012		300	1175.16	35254
DLN-80020		500	1175.16	58757
DLN-10002	1000	50	1457	7284
DLN-10006		100	1457	21854
DLN-100012		300	1457	43707
DLN-100020		500	1457	72846
DLN-12002	1200	50	1731	8655
DLN-12006		100	1731	25965
DLN-120012		300	1731	51930
DLN-120020		500	1731	86551
DLN-15002	1500	50	2211.68	11058
DLN-15006		100	2211.68	33175
DLN-150012		300	2211.68	66350
DLN-150020		500	2211.68	110584



Double Acting Lock Nut Cylinders

- DLN Series high tonnage safety lock nut cylinders for mechanical load holding for up to 1,500 tons
- Double-acting, for positive retraction
- Integral stop ring provides piston blow-out protection
- Built-in safety valve prevents accidental over-pressurization.
- Plunger wiper reduces contamination, extending cylinder life
- 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	Extended Height	Cylinder Dia.	Bore Dia.	Plunger Dia.	Port Height	Saddle Dia.	Clearance Between Saddle And Stop Ring	Lock Nut Height	Weight	Model No.
A	B	D	E	F	H	J	K	S	kgs	
280	330	165	125	105×P8	85	95	20	35	40	DLN-502
395	545	165	125	105×P8	85	95	20	35	58	DLN-506
555	855	165	125	105×P8	85	95	20	35	82	DLN-5012
795	1295	165	125	105×P8	85	95	20	35	116	DLN-5016
285	335	200	150	130×P8	85	115	20	40	64	DLN-1002
405	555	200	150	130×P8	85	115	20	40	90	DLN-1006
560	860	200	150	130×P8	85	115	20	40	123	DLN-10012
800	1300	200	150	130×P8	85	115	20	40	175	DLN-10020
305	355	245	180	160×P10	85	145	20	50	103	DLN-1502
420	570	245	180	160×P10	85	145	20	50	142	DLN-1506
580	880	245	180	160×P10	85	145	20	50	195	DLN-15012
820	1320	245	180	160×P10	85	145	20	50	275	DLN-15020
320	370	270	200	180×P10	85	165	25	60	130	DLN-2002
435	585	270	200	180×P10	85	165	25	60	177	DLN-2006
595	895	270	200	180×P10	85	165	25	60	242	DLN-20012
835	1335	270	200	180×P10	85	165	25	60	342	DLN-20020
325	375	300	225	200×P10	85	185	25	70	168	DLN-2502
440	590	300	225	200×P10	85	185	25	70	226	DLN-2506
600	900	300	225	200×P10	85	185	25	70	305	DLN-25012
840	1340	300	225	200×P10	85	185	25	70	426	DLN-25020
335	385	330	245	215×P10	85	195	30	75	207	DLN-3002
450	600	330	245	215×P10	85	195	30	75	276	DLN-3006
610	910	330	245	215×P10	85	195	30	75	392	DLN-30012
850	1350	330	245	215×P10	85	195	30	75	515	DLN-30020
350	400	380	280	250×P12	85	230	35	85	287	DLN-4002
465	615	380	280	250×P12	85	230	35	85	380	DLN-4006
625	925	380	280	250×P12	85	230	35	85	508	DLN-40012
865	1365	380	280	250×P12	85	230	35	85	700	DLN-40020
385	435	420	310	280×P12	95	260	40	95	390	DLN-5002
495	645	420	310	280×P12	95	260	40	95	495	DLN-5006
655	955	420	310	280×P12	95	260	40	95	652	DLN-50012
890	1390	420	310	280×P12	95	260	40	95	885	DLN-50020
410	460	460	340	300×P12	100	280	40	105	490	DLN-6002
520	670	460	340	300×P12	100	280	40	105	610	DLN-6006
680	980	460	340	300×P12	100	280	40	105	790	DLN-60012
910	1410	460	340	300×P12	100	280	40	105	1050	DLN-60020
460	510	530	395	340×P12	120	320	45	125	730	DLN-8002
560	710	530	395	340×P12	120	320	45	125	880	DLN-8006
725	1025	530	395	340×P12	120	320	45	125	1130	DLN-80012
950	1450	530	395	340×P12	120	320	45	125	1470	DLN-80020
500	550	595	440	380×P12	135	360	50	135	955	DLN-10002
605	755	595	440	380×P12	135	360	50	135	1200	DLN-10006
770	1070	595	440	380×P12	135	360	50	135	1520	DLN-100012
995	1495	595	440	380×P12	135	360	50	135	1950	DLN-100020
530	580	650	480	420×P12	145	400	55	150	1270	DLN-12002
640	790	650	480	420×P12	145	400	55	150	1520	DLN-12006
800	1100	650	480	420×P12	145	400	55	150	1890	DLN-120012
1030	1530	650	480	420×P12	145	400	55	150	2420	DLN-120020
595	645	730	540	460×P12	165	440	65	170	1790	DLN-15002
705	855	730	540	460×P12	165	440	65	170	2100	DLN-15006
865	1165	730	540	460×P12	165	440	65	170	2550	DLN-150012
1105	1605	730	540	460×P12	165	440	65	170	3240	DLN-150020