LOCK NUT & LONG STROKE CYLINDERS | OEM CROSS-REFERENCE: ENERPAC HCRL / LPL EQUIVALENT

HDC-LN Series Double-Acting Lock Nut Cylinders

Double-acting hydraulic-return lock nut cylinders rated for 700 Bar (10,000 PSI), equipped with standard integrated 5° tilt saddles and up to 10% side-load resistance for sustained mechanical load holding and bridge repositioning across 50 to 300 Ton capacities.



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RATED CAPACITY	STROKE RANGE	ACTING TYPE
50 - 300 Metric Tons	150 - 300 mm	Double-Acting, Hydraulic Return with Lock Nut

INTEGRATED SADDLE	SIDE-LOAD RESISTANCE	MAX WORKING PRESSURE
Standard Integrated 5° Tilt Saddle	Withstands Up to 10% Side Load	700 Bar (10,000 PSI)

Model	Capacity @10,000 PSI (700 bar) [Metric Ton]	Stroke [mm]	Max. Capacity [Ton (kN)]	Effective Area [cm2]	Oil Capacity (cm³)		Closed Height (A) [mm]	Extended Height (B) [mm]	Outside Diam. (D) [mm]	Piston Diam. (F)	Base to Adv. Port (H1) [mm]	Base to Ret. Port (H2) [mm]	Saddle Diam. (J) [mm]	Saddle Protrusion (K) [mm]	Lock Nut Height (S) [mm]	Weight [Kg]
					Advance [cm3]	Retract [cm3]										
HDC-LN506	50	150	49 (479 kN)	68.4	1025	86	310	460	130	Tr 90 x 4	41	27	77	15	26	30
HDC-LN508	50	200	49 (479 kN)	68.4	1367	115	377	577	130	Tr 90 x 4	41	27	77	15	26	36
HDC-LN5010	50	250	49 (479 kN)	68.4	1709	143	427	677	130	Tr 90 x 4	41	27	77	15	26	40
HDC-LN5012	50	300	49 (479 kN)	68.4	2051	172	477	777	130	Tr 90 x 4	41	27	77	15	26	45
HDC-LN1006	100	150	101 (990 kN)	141.4	2121	236	346	496	185	Tr 120 x 6	50	36	77	15	36	64
HDC-LN1008	100	200	101 (990 kN)	141.4	2827	314	421	621	185	Tr 120 x 6	50	36	77	15	36	77
HDC-LN10010	100	250	101 (990 kN)	141.4	3534	393	471	721	185	Tr 120 x 6	50	36	77	15	36	85
HDC-LN10012	100	300	101 (990 kN)	141.4	4241	471	521	821	185	Tr 120 x 6	50	36	77	15	36	94
HDC-LN1506	150	150	153 (1501 kN)	214.4	3216	236	359	509	222	Tr 150 x 6	46	32	126	13	45	97
HDC-LN1508	150	200	153 (1501 kN)	214.4	4288	314	434	634	222	Tr 150 x 6	46	32	126	13	45	116
HDC-LN15010	150	250	153 (1501 kN)	214.4	5360	393	484	734	222	Tr 150 x 6	46	32	126	13	45	129
HDC-LN15012	150	300	153 (1501 kN)	214.4	6432	471	534	834	222	Tr 150 x 6	46	32	126	13	45	142
HDC-LN2006	200	150	204 (2001 kN)	285.9	4288	530	399	549	260	Tr 170 x 6	71	49	126	13	50	145
HDC-LN2008	200	200	204 (2001 kN)	285.9	5718	707	469	669	260	Tr 170 x 6	71	49	126	13	50	168
HDC-LN20010	200	250	204 (2001 kN)	285.9	7147	884	519	769	260	Tr 170 x 6	71	49	126	13	50	184
HDC-LN20012	200	300	204 (2001 kN)	285.9	8577	1060	569	869	260	Tr 170 x 6	71	49	126	13	50	200
HDC-LN2506	250	150	251 (2463 kN)	351.9	5278	530	416	566	290	Tr 190 x 6	71	49	160	15	55	190
HDC-LN2508	250	200	251 (2463 kN)	351.9	7037	707	491	691	290	Tr 190 x 6	71	49	160	15	55	224
HDC-LN25010	250	250	251 (2463 kN)	351.9	8796	884	541	791	290	Tr 190 x 6	71	49	160	15	55	244
HDC-LN25012	250	300	251 (2463 kN)	351.9	10556	1060	591	891	290	Tr 190 x 6	71	49	160	15	55	265
HDC-LN3006	300	150	303 (2969 kN)	424.1	6362	530	421	571	315	Tr 210 x 6	71	49	160	15	55	230
HDC-LN3008	300	200	303 (2969 kN)	424.1	8482	707	496	696	315	Tr 210 x 6	71	49	160	15	55	269
HDC-LN30010	300	250	303 (2969 kN)	424.1	10603	884	546	796	315	Tr 210 x 6	71	49	160	15	55	294
HDC-LN30012	300	300	303 (2969 kN)	424.1	12723	1060	596	896	315	Tr 210 x 6	71	49	160	15	55	319