ALUMINUM LIGHTWEIGHT CYLINDERS | OEM CROSS-REFERENCE: ENERPAC RACL SERIES EQUIVALENT

HSC-LNA Series Lightweight Aluminum Lock-Nut Cylinders

Single-acting spring-return lightweight aluminum lock nut cylinders rated for 700 Bar (10,000 PSI), engineered with up to 5% side-load resistance for sustained mechanical load holding, bridge maintenance, and structural leveling across 20 to 150 Ton capacities.



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CAPACITY RANGE	STROKE RANGE	MAX WORKING PRESSURE
20 - 150 Metric Tons	50 - 250 mm	700 Bar (10,000 PSI)

ACTING & RETURN TYPE	LOAD HOLDING & SIDE LOAD	CYLINDER MATERIAL
Single-Acting, High-Strength Return Spring	Mechanical Lock Nut & Up to 5% Side-Load Resistance	High-Strength Hard-Coat Anodized Aluminum Alloy

Model	Rated Capacity [Ton (kN)]	Stroke [mm]	Effective Area [cm2]	Oil Capacity [cm3]	Closed Height (A) [mm]	Extended Height (B) [mm]	Outside Diam. (D) [mm]	Thread Size (F)	Base to Port (H) [mm]	Saddle Diam. (J) [mm]	Lock Nut Height (S) [mm]	Weight [Kg]
HSC-LNA-202	20 (218)	50	31.2	156	224	274	85	Tr 55 x 4	27	40	50	4.0
HSC-LNA-204	20 (218)	100	31.2	312	274	374	85	Tr 55 x 4	27	40	50	4.6
HSC-LNA-206	20 (218)	150	31.2	468	324	474	85	Tr 55 x 4	27	40	50	5.2
HSC-LNA-208	20 (218)	200	31.2	624	374	574	85	Tr 55 x 4	27	40	50	5.8
HSC-LNA-2010	20 (218)	250	31.2	780	424	674	85	Tr 55 x 4	27	40	50	6.4
HSC-LNA-302	30 (309)	50	44.2	221	231	281	100	Tr 60 x 4	33	40	50	5.4
HSC-LNA-304	30 (309)	100	44.2	442	281	381	100	Tr 60 x 4	33	40	50	6.1
HSC-LNA-306	30 (309)	150	44.2	663	331	481	100	Tr 60 x 4	33	40	50	6.8
HSC-LNA-308	30 (309)	200	44.2	883	381	581	100	Tr 60 x 4	33	40	50	7.5
HSC-LNA-3010	30 (309)	250	44.2	1105	431	681	100	Tr 60 x 4	33	40	50	8.2
HSC-LNA-502	50 (496)	50	70.9	354	236	286	130	Tr 80 x 4	30	50	50	9.3
HSC-LNA-504	50 (496)	100	70.9	709	286	386	130	Tr 80 x 4	30	50	50	10.6
HSC-LNA-506	50 (496)	150	70.9	1063	336	486	130	Tr 80 x 4	30	50	50	12.6
HSC-LNA-508	50 (496)	200	70.9	1417	386	586	130	Tr 80 x 4	30	50	50	13.2
HSC-LNA-5010	50 (496)	250	70.9	1771	436	686	130	Tr 80 x 4	30	50	50	14.5
HSC-LNA-1002	100 (1002)	50	143.1	716	296	346	180	Tr 110 x 6	46	94	75	21.9
HSC-LNA-1004	100 (1002)	100	143.1	1431	346	446	180	Tr 110 x 6	46	94	75	24.2
HSC-LNA-1006	100 (1002)	150	143.1	2147	396	546	180	Tr 110 x 6	46	94	75	26.5
HSC-LNA-1008	100 (1002)	200	143.1	2863	446	646	180	Tr 110 x 6	46	94	75	28.8
HSC-LNA-10010	100 (1002)	250	143.1	3578	496	746	180	Tr 110 x 6	46	94	75	31.1
HSC-LNA-1502	150 (1589)	50	227.0	1135	323	373	230	Tr 140 x 6	51	113	80	32.2
HSC-LNA-1504	150 (1589)	100	227.0	2270	373	473	230	Tr 140 x 6	51	113	80	36.2
HSC-LNA-1506	150 (1589)	150	227.0	3405	423	573	230	Tr 140 x 6	51	113	80	40.2
HSC-LNA-1508	150 (1589)	200	227.0	4540	473	673	230	Tr 140 x 6	51	113	80	44.2
HSC-LNA-15010	150 (1589)	250	227.0	5675	523	773	230	Tr 140 x 6	51	113	80	48.2