

(Lock Nut) Hydraulic Cylinders

Series:	LN
Type:	Single Acting



1

Includes safety lock nut for mechanical load holding

2

Baked enamel finish for increased corrosion resistance

3

Special coating on the plunger to resist corrosion and abrasion

4

Overflow port acts as a stroke limiter for plunger blow-out prevention

5

Each cylinder has a hardened removable saddle

6 *

Lifting eyes for portability

✓

Female coupler with dust cap included on all models

✓

Customised LN cylinders can be made against order

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The maximum operating pressure of all the Lock Nut Hydraulic Cylinders is 700 bar / 10,000 psi

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Our ratings of load capacity and stroke are maximum safe limits

Good practice encourages using only 80% of these ratings

For example: a 50 ton cylinder should be used in order to lift a maximum load upto 40 ton

* on selected models

Aa Model	Capacity	Stroke	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Plunger Diameter	Weight	Return Type
LN502	50 ton	50 mm	354 cc	164 mm	214 mm	125 mm	Tr 95 x 4	15 kg	Load Return
LN504	50 ton	100 mm	708 cc	214 mm	314 mm	125 mm	Tr 95 x 4	20 kg	Load Return

Aa Model	☰ Capacity	☰ Stroke	☰ Oil Capacity	☰ Collapsed Height	☰ Extended Height	☰ Outside Diameter	☰ Plunger Diameter	☰ Weight	🔄 Return Type
LN506	50 ton	150 mm	1,062 cc	264 mm	414 mm	125 mm	Tr 95 x 4	25 kg	Load Return
LN508	50 ton	200 mm	1,416 cc	314 mm	514 mm	125 mm	Tr 95 x 4	30 kg	Load Return
LN5010	50 ton	250 mm	1,770 cc	364 mm	614 mm	125 mm	Tr 95 x 4	35 kg	Load Return
LN5012	50 ton	300 mm	2,124 cc	414 mm	714 mm	125 mm	Tr 95 x 4	40 kg	Load Return
LN1002	100 ton	50 mm	663 cc	187 mm	237 mm	165 mm	Tr 130 x 6	30 kg	Load Return
LN1004	100 ton	100 mm	1,327 cc	237 mm	337 mm	165 mm	Tr 130 x 6	39 kg	Load Return
LN1006	100 ton	150 mm	1,990 cc	287 mm	437 mm	165 mm	Tr 130 x 6	48 kg	Load Return
LN1008	100 ton	200 mm	2,654 cc	337 mm	537 mm	165 mm	Tr 130 x 6	56 kg	Load Return
LN10010	100 ton	250 mm	3,317 cc	387 mm	637 mm	165 mm	Tr 130 x 6	64 kg	Load Return
LN10012	100 ton	300 mm	3,981 cc	437 mm	737 mm	165 mm	Tr 130 x 6	73 kg	Load Return
LN1502	150 ton	50 mm	1,005 cc	209 mm	259 mm	205 mm	Tr 160 x 6	53 kg	Load Return
LN1504	150 ton	100 mm	2,010 cc	259 mm	359 mm	205 mm	Tr 160 x 6	66 kg	Load Return
LN1506	150 ton	150 mm	3,015 cc	309 mm	459 mm	205 mm	Tr 160 x 6	78 kg	Load Return
LN1508	150 ton	200 mm	4,020 cc	359 mm	559 mm	205 mm	Tr 160 x 6	92 kg	Load Return
LN15010	150 ton	250 mm	5,025 cc	409 mm	659 mm	205 mm	Tr 160 x 6	104 kg	Load Return
LN15012	150 ton	300 mm	6,030 cc	459 mm	759 mm	205 mm	Tr 160 x 6	117 kg	Load Return
LN2002	200 ton	50 mm	1,417 cc	243 mm	293 mm	235 mm	Tr 185 x 6	83 kg	Load Return
LN2006	200 ton	150 mm	4,251 cc	343 mm	493 mm	235 mm	Tr 185 x 6	118 kg	Load Return
LN20010	200 ton	250 mm	7,085 cc	443 mm	693 mm	235 mm	Tr 185 x 6	153 kg	Load Return
LN2502	250 ton	50 mm	1,814 cc	249 mm	299 mm	275 mm	Tr 215 x 6	116 kg	Load Return
LN2506	250 ton	150 mm	5,443 cc	349 mm	499 mm	275 mm	Tr 215 x 6	163 kg	Load Return
LN25010	250 ton	250 mm	9,072 cc	449 mm	699 mm	275 mm	Tr 215 x 6	210 kg	Load Return
LN3002	300 ton	50 mm	2,261 cc	295 mm	345 mm	310 mm	Tr 240 x 6	173 kg	Load Return
LN3006	300 ton	150 mm	6,783 cc	395 mm	545 mm	310 mm	Tr 240 x 6	233 kg	Load Return
LN30010	300 ton	250 mm	11,305 cc	495 mm	745 mm	310 mm	Tr 240 x 6	293 kg	Load Return
LN4002	400 ton	50 mm	2,905 cc	335 mm	385 mm	350 mm	Tr 265 x 6	251 kg	Load Return
LN4006	400 ton	150 mm	8,715 cc	435 mm	585 mm	350 mm	Tr 265 x 6	327 kg	Load Return
LN40010	400 ton	250 mm	14,525 cc	535 mm	785 mm	350 mm	Tr 265 x 6	403 kg	Load Return
LN5002	500 ton	50 mm	3,651 cc	375 mm	425 mm	400 mm	Tr 305 x 6	367 kg	Load Return
LN5006	500 ton	150 mm	10,953 cc	475 mm	625 mm	400 mm	Tr 305 x 6	467 kg	Load Return
LN50010	500 ton	250 mm	18,255 cc	575 mm	825 mm	400 mm	Tr 305 x 6	568 kg	Load Return
LN6002	600 ton	50 mm	4,274 cc	395 mm	445 mm	430 mm	Tr 330 x 6	447 kg	Load Return
LN6006	600 ton	150 mm	12,823 cc	495 mm	645 mm	430 mm	Tr 330 x 6	563 kg	Load Return
LN60010	600 ton	250 mm	21,372 cc	595 mm	845 mm	430 mm	Tr 330 x 6	680 kg	Load Return
LN8002	800 ton	50 mm	5,818 cc	455 mm	505 mm	505 mm	Tr 385 x 6	711 kg	Load Return
LN8006	800 ton	150 mm	17,454 cc	555 mm	705 mm	505 mm	Tr 385 x 6	871 kg	Load Return
LN80010	800 ton	250 mm	29,090 cc	655 mm	905 mm	505 mm	Tr 385 x 6	1,031 kg	Load Return
LN10002	1,000 ton	50 mm	7,257 cc	495 mm	545 mm	560 mm	Tr 430 x 6	951 kg	Load Return
LN10006	1,000 ton	150 mm	21,772 cc	595 mm	745 mm	560 mm	Tr 430 x 6	1,143 kg	Load Return
LN100010	1,000 ton	250 mm	36,287 cc	695 mm	945 mm	560 mm	Tr 430 x 6	1,335 kg	Load Return