

DOUBLE-ACTING LOCK NUT CYLINDERS

Fast hydraulic retract and high side-load capacity



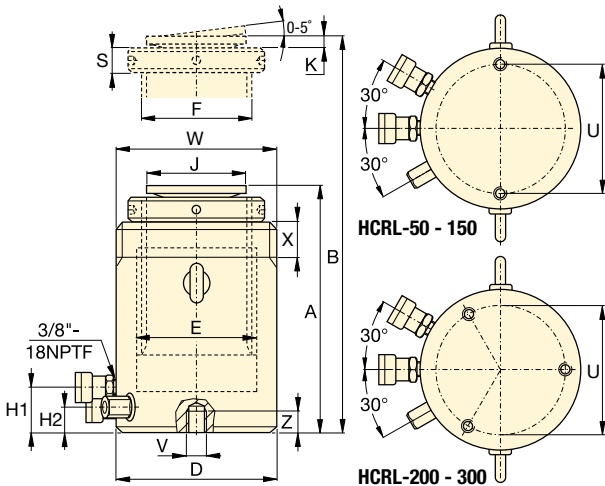
ENERPAC 

HCRL-Series, Double-Acting Lock Nut Cylinders

▼ HCRL-2006, HCRL-506



- Hydraulically controlled fast retraction
- Lock nut provides mechanical load holding for a safe work environment
- Designed to withstand up to 10% side-load of maximum capacity
- Integrated tilt saddle allows up to 5 degrees of misalignment
- Hardened surface resists side-loading and cyclic wear
- Weather protected, inside and out
- Replaceable bearings enclose the plunger external and internally for support
- Certified lifting eyes, base mounting holes and collar thread as standard
- Stop-ring to prevent plunger blow-out
- Low friction lock nut, to spin easily, save time and effort.



Collar Thread (mm)		
Model / Capacity ton	Thread Size W	Thread Length X
HCRL-50	M130 x 2	42
HCRL-100	M185 x 2	57
HCRL-150	M222 x 3	70
HCRL-200	M260 x 3	79
HCRL-250	M290 x 3	85
HCRL-300	M315 x 3	94

The collar thread length is designed for the full rated cylinder capacity.

Base Mounting Holes (mm)			
Model / Capacity ton	Bolt Circle U	Thread Size V	Minimum Thread Depth Z
HCRL-50	105	M12 x 1,75	22
HCRL-100	150	M12 x 1,75	22
HCRL-150	185	M12 x 1,75	22
HCRL-200	215	M12 x 1,75	22
HCRL-250	245	M12 x 1,75	22
HCRL-300	260	M16 x 2	25

Cylinder Capacity *	Stroke *	Model Number	Maximum Cylinder Capacity at 700 bar ton (kN)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)
50	150	HCRL-506	49 (479)	68,4	1025
	200	HCRL-508			1367
	250	HCRL-5010			1709
	300	HCRL-5012			2051
100	150	HCRL-1006	101 (990)	141,4	2121
	200	HCRL-1008			2827
	250	HCRL-10010			3534
	300	HCRL-10012			4241
150	150	HCRL-1506	153 (1501)	214,4	3216
	200	HCRL-1508			4288
	250	HCRL-15010			5360
	300	HCRL-15012			6432
200	150	HCRL-2006	204 (2001)	285,9	4288
	200	HCRL-2008			5718
	250	HCRL-20010			7147
	300	HCRL-20012			8577
250	150	HCRL-2506	251 (2463)	351,9	5278
	200	HCRL-2508			7037
	250	HCRL-25010			8796
	300	HCRL-25012			10.556
300	150	HCRL-3006	303 (2969)	424,1	6362
	200	HCRL-3008			8482
	250	HCRL-30010			10.603
	300	HCRL-30012			12.723

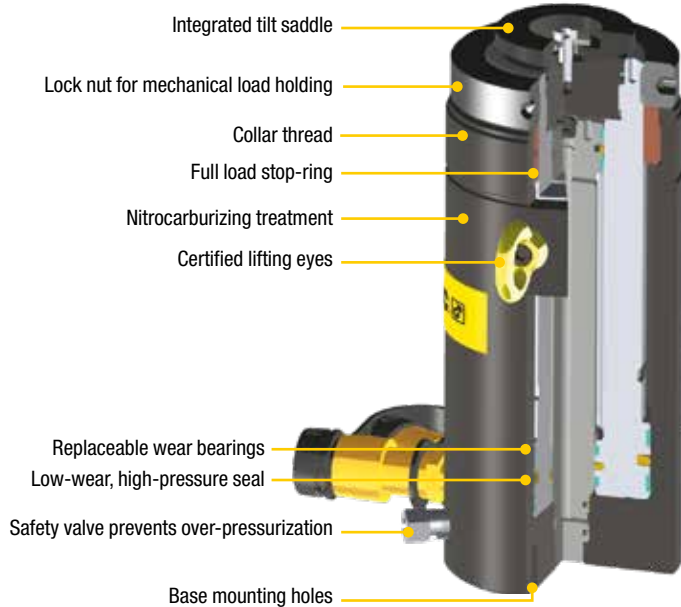
* Up to 2000 ton and additional stroke lengths available on request.

Double-Acting Lock Nut Cylinders

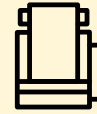


Higher Capacities, Larger Strokes

The HCRL-Series Cylinders are available up to 2000 ton capacity and additional stroke lengths available on request.



HCRL Series



Capacity:

50 - 300 ton

Stroke:

150 - 300 mm








Maximum Operating Pressure:

700 bar



Synchronous Lifting Systems

Pumps for multiple lift-point capabilities. The economical **EVOB-Series** for basic applications and the multi-functional **EVO-Series** lifting system.

	Collapsed Height	Extended Height	Outside Diameter	Cylinder Bore Diameter	Plunger Diameter (threaded)	Base to Advance Port H1	Base to Retract Port H2	Saddle Diameter	Saddle Protrusion	Lock Nut Height		Model Number	
	A (mm)	B (mm)											D (mm)
	310	460	130	100	Tr 90 x 4	41	27	77	15	26		HCRL-506	
	377	577										36	HCRL-508
	427	677										40	HCRL-5010
	477	777										45	HCRL-5012
	346	496	185	140	Tr 120 x 6	50	36	77	15	36		HCRL-1006	
	421	621										77	HCRL-1008
	471	721										85	HCRL-10010
	521	821										94	HCRL-10012
	359	509	222	170	Tr 150 x 6	46	32	126	13	45		HCRL-1506	
	434	634										116	HCRL-1508
	484	734										129	HCRL-15010
	534	834										142	HCRL-15012
	399	549	260	200	Tr 170 x 6	71	49	126	13	50		HCRL-2006	
	469	669										168	HCRL-2008
	519	769										184	HCRL-20010
	569	869										200	HCRL-20012
	416	566	290	220	Tr 190 x 6	71	49	160	15	55		HCRL-2506	
	491	691										224	HCRL-2508
	541	791										244	HCRL-25010
	591	891										265	HCRL-25012
	421	571	315	240	Tr 210 x 6	71	49	160	15	55		HCRL-3006	
	496	696										269	HCRL-3008
	546	796										294	HCRL-30010
	596	896										319	HCRL-30012



HYDRAULIC PUMPS

Enerpac hydraulic pumps are available in over 1000 different configurations. Whatever your application needs are for speed, control, intermittent or heavy duty, Enerpac has the right solution for you.

Featuring Hand, Battery, Electric, Air and Gasoline powered models, Enerpac offers the most comprehensive pump line available.



P-Series, Hand Pumps



XC-Series, Cordless Pumps



XA-Series, Air Driven Pumps



ZU4-Series, Portable Electric Pumps



ZE-Series, Electric Pumps



SFP-Series, Split-Flow Pumps

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