



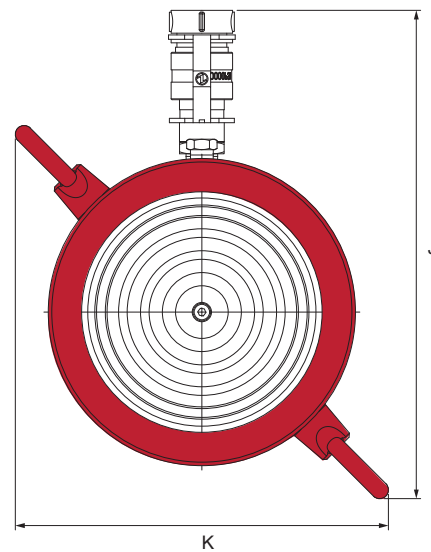
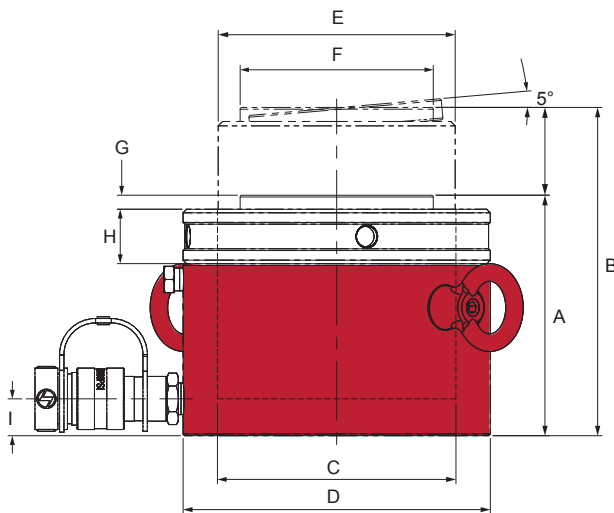
Low Profile Lock Nut Cylinders

Low Clearance Lifting w/ Mechanical Lock Nut

- Single acting cylinder with mechanical safety lock nut
- Designed to support loads without hydraulic pressure
- Low profile for confined spaces
- 5° tilting saddle is standard
- Maximum working pressure: 10,000 psi/700 bar
- Equipped with CH38F high flow coupler
- Load Return



HLNF Series



Cylinder Capacity (tons)	Stroke (in)	Model Number	Cylinder Effective Area (in ²)	Oil Capacity (in ³)	Weight (lbs)
60	1.97	HLNF6002	13.42	26.42	31.3
100	1.97	HLNF10002	22.47	44.23	54.1
160	1.77	HLNF16002	35.51	62.91	91.0
200	1.77	HLNF20002	43.95	77.86	118.6
250	1.77	HLNF25002	56.27	99.70	154.6

Model Number	Collapsed Height A (in)	Extended Height B (in)	Cylinder Bore Dia. C (in)	Outside Dia. D (in)	Rod Outside Thread E	Saddle Dia. F (in)	Saddle Protrusion From Rod G (in)	Lock Nut Length H (in)	Base to Inlet Port I (in)	Coupler to Eyelet J (in)	Eyelet to Eyelet K (in)
HLNF6002	4.92	6.89	4.13	5.51	TW105-4N	3.23	0.24	1.10	0.75	9.78	7.39
HLNF10002	5.39	7.36	5.35	6.89	TW135-4N	4.33	0.31	1.22	0.83	10.95	8.37
HLNF16002	5.83	7.60	6.72	8.66	TW170-4N	5.83	0.35	1.57	1.06	12.46	9.62
HLNF20002	6.10	7.87	7.48	9.66	TW190-4N	6.30	0.39	1.69	1.18	13.30	10.31
HLNF25002	6.26	8.03	8.46	10.83	TW215-4N	7.28	0.43	1.73	1.26	14.31	11.15

Safety Instructions
 Visit our DO'S and DON'TS section to review the best methods of operation. Always be prepared. pg 92

Safety Color Band
 BVA Lock nut cylinders are equipped with a yellow safety band. Do not extend the ram beyond this point as it may result in a loss of hydraulic oil and damage to the cylinder and/or load.

Related Product: Gauges
 Reduce the risk of overloading your product by using a gauge. A variety of graduations and types to suit any need. pg 69