


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


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 65



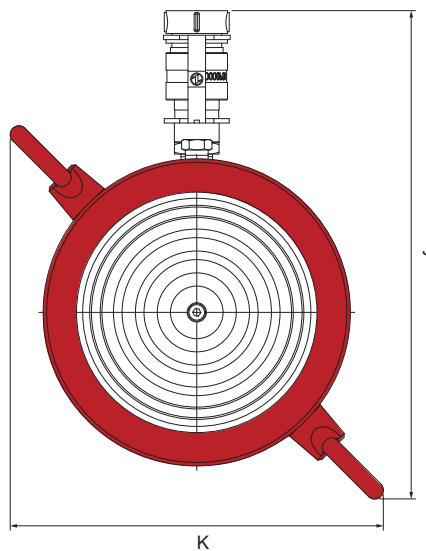
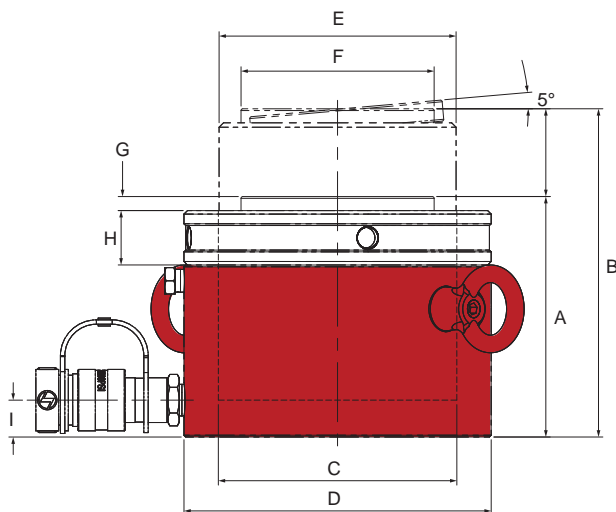
Safety Color Band
 BVA Lock nut cylinders are equipped with a yellow safety band. Do not extend the ram beyond this point as it may result in a loss of hydraulic oil and damage to the cylinder and/or load.



Safety Instructions
 Visit our DO'S and DON'TS section to review the best methods of operation. Always be prepared. pg 102



HLNF Series



Cylinder Capacity	Stroke (mm)	Model Number	Cylinder Effective Area (cm ²)	Oil Capacity (cc)	Weight (kg)
60 Ton / 534 kN	50	HLNF6002	86.6	433	14.2
100 Ton / 890 kN	50	HLNF10002	144.9	725	24.5
160 Ton / 1423 kN	45	HLNF16002	229.1	1031	41.3
200 Ton / 1779 kN	45	HLNF20002	283.6	1276	53.8
250 Ton / 2224 kN	45	HLNF25002	363.1	1634	70.1

Model Number	Collapsed Height A (mm)	Extended Height B (mm)	Cylinder Bore Dia. C (mm)	Outside Dia. D (mm)	Plunger Outside Thread E	Saddle Dia. F (mm)	Saddle Protrusion From Plunger G (mm)	Lock Nut Length H (mm)	Base to Inlet Port I (mm)	Coupler to Eyelet J (mm)	Eyelet to Eyelet K (mm)
HLNF6002	125	175	105	140	TW105-4N	82	6	28	19	248	188
HLNF10002	137	187	136	175	TW135-4N	110	8	31	21	278	213
HLNF16002	148	193	171	220	TW170-4N	148	9	40	27	316	244
HLNF20002	155	200	190	245	TW190-4N	160	10	43	30	338	262
HLNF25002	159	204	215	275	TW215-4N	185	11	44	32	363	283