



▼ Shown from left to right: CLP-2002, CLP-5002



The Lowest Power Lifter




Saddles
All CLP-Series cylinders include integral tilt saddles with maximum tilt angles up to 5°.



Gauges
Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer to the System Components Section for a full range of gauges.

Page: 118



Hoses
Enerpac offers a complete line of high quality hydraulic hoses. To ensure the integrity of your system, specify only Enerpac hydraulic hoses.


Page: 112

- Flat design for use in confined areas where standard cylinders will not fit
- Lock-nut feature for positive and safe load holding over a long period of time
- ANSI B30.1 design qualification and testing approval ensures increased product life and user safety
- Single-acting load return
- Special bearing design withstands sideload forces up to 3% of rated cylinder capacity without scoring
- Overflow port functions as a stroke limiter
- CR-400 coupler and dust cap included on all models

▼ Only the extreme low height CLP-cylinder fits in this confined area to lift the construction.



Cylinder Capacity (tons) Nominal [maximum]	Stroke (in)	Model Number	Cylinder Effective Area (in ²)	Oil Capacity (in ³)
60 [67]	1.97	CLP-602	13.42	26.42
100 [114]	1.97	CLP-1002	22.75	44.78
160 [179]	1.77	CLP-1602	35.85	63.51
200 [221]	1.77	CLP-2002	44.27	78.43
250 [284]	1.77	CLP-2502	56.85	100.72
400 [434]	1.77	CLP-4002	86.72	153.64
500 [566]	1.77	CLP-5002	113.25	200.63



Speed Chart
See the Enerpac Cylinder Speed Chart in our "Yellow Pages" to determine your approximate cylinder speed.

Page: 109

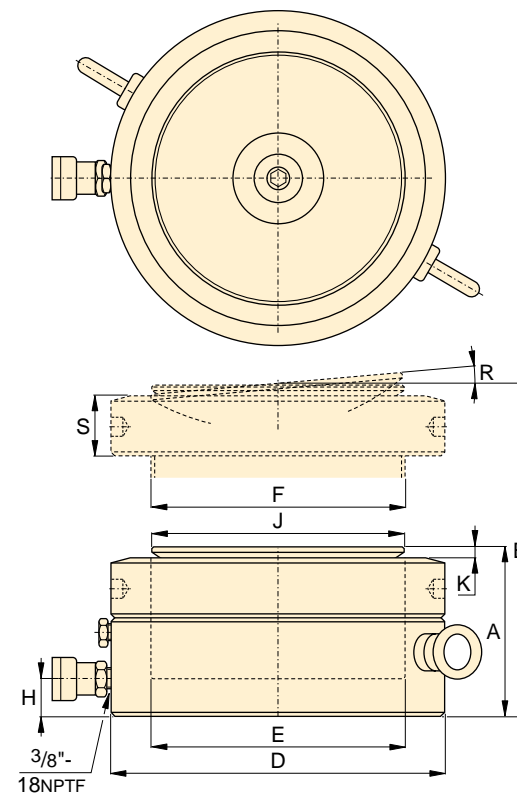

CLP Series



Capacity:
60-500 tons

Stroke:
1.77-1.97 inch

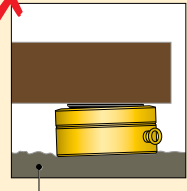
Maximum Operating Pressure:
10,000 psi

ALL CLP-SERIES CYLINDERS REQUIRE A SOLID LIFTING SURFACE FOR CORRECT SUPPORT.

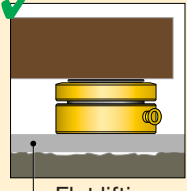
USE OF PANCAKE CYLINDERS ON SURFACES SUCH AS SAND, MUD OR DIRT, MAY RESULT IN CYLINDER DAMAGE!

WRONG!



Rough soil

RIGHT!



Flat lifting surface

For more safety instructions see our "Yellow Pages".

Page: 100

Coll. Height	Ext. Height	Outside Diameter	Cyl. Bore Diameter	Plunger Diameter	Base to Adv. Port	Saddle Diameter	Saddle Protr. from Plgr. K (in)	Saddle Max. Tilt Angle R	Lock Nut Height S (in)	Weight (lbs)	Model Number
A (in)	B (in)	D (in)	E (in)	F (mm)	H (in)	J (in)	K (in)	R	S (in)		
4.92	6.89	5.51	4.13	Tr 104 x 4	.75	3.78	.24	5°	1.10	33	CLP-602
5.39	7.36	6.89	5.38	Tr 136 x 6	.83	4.96	.31	5°	1.22	57	CLP-1002
5.83	7.60	8.66	6.76	Tr 171 x 6	1.06	6.30	.35	5°	1.57	97	CLP-1602
6.10	7.87	9.65	7.51	Tr 190 x 6	1.18	7.09	.39	5°	1.69	125	CLP-2002
6.26	8.03	10.83	8.51	Tr 216 x 6	1.26	7.87	.43	5°	1.73	163	CLP-2502
7.01	8.78	13.78	10.51	Tr 266 x 6	1.54	9.84	.43	4°	2.17	295	CLP-4002
7.56	9.33	15.75	12.01	Tr 305 x 6	1.89	11.42	.39	3°	2.44	416	CLP-5002