

▼ Shown from left to right: RR-10013, RR-1502, RR-20013, RR-1010, RR-7513



- Collar threads, plunger threads and base mounting holes for easy fixturing (on most models)
- Baked enamel finish for increased corrosion resistance
- Removable hardened saddles protect plunger during lifting and pressing
- Built-in safety valve prevents accidental over-pressurization
- CR-400 couplers included on all models
- Plunger wiper reduces contamination, extending cylinder life

▼ RR-cylinders provide power and precision in a special hydraulic press.



Most Versatile Performers

Rugged enough for the toughest job site uses and precision designed for high-cycle industrial uses.



Cylinder retract capacity for certain RR cylinders may be less than theoretical values, as a result of reduced relief valve pressure settings:
RR-308/3014: 4000 psi
RR-506/5013/5020: 6950 psi
RR-756/7513: 7200 psi



Saddles
RR-Series cylinders up to 75 ton have plunger thread for installation of CAT-Series tilt saddles.

Page: 27

▼ When it comes to precise and controlled positioning of heavy loads, RR cylinders are the best solution.



Pump Selection
A double-acting cylinder must be powered by a pump with a 4-way valve.

Page: 57

▼ **QUICK SELECTION CHART**
For complete technical information see next page.

Cylinder Capacity (tons) Nominal [maximum]	Stroke (in)	Model Number	Cylinder Effective Area (in ²)		Oil Capacity (in ³)		Coll. Height (in)
			Push	Pull	Push	Pull	
10 [11]	10.00	RR-1010*	2.23	.80	22.33	8.00	16.13
	12.00	RR-1012*	2.23	.80	26.80	9.00	18.00
30 [32]	8.25	RR-308*	6.51	3.00	53.67	25.00	15.25
	14.50	RR-3014*	6.51	3.00	92.70	43.00	21.63
50 [55]	6.13	RR-506	11.06	3.40	67.77	21.00	13.06
	13.13	RR-5013	11.06	3.40	145.17	44.00	20.06
	20.13	RR-5020	11.06	3.40	222.56	68.00	28.88
75 [80]	6.13	RR-756	15.92	4.90	97.58	29.00	13.69
	13.13	RR-7513	15.92	4.90	209.00	64.00	20.69
100 [103]	6.63	RR-1006	20.65	9.60	136.93	63.00	14.06
	13.13	RR-10013	20.65	9.60	271.17	126.00	20.63
	18.13	RR-10018	20.65	9.60	374.44	174.00	27.06
150 [153]	2.25	RR-1502	30.71	14.80	69.11	33.00	7.72
	6.13	RR-1506	30.71	14.80	188.28	91.00	15.19
	13.13	RR-15013	30.71	14.80	403.27	194.00	22.20
	32.13	RR-15032	30.71	14.80	986.84	475.00	43.94
200 [221]	6.00	RR-2006	44.21	22.50	265.28	135.00	16.94
	13.00	RR-20013	44.21	22.50	574.78	293.00	23.94
	18.00	RR-20018	44.21	22.50	795.85	396.00	30.13
	24.00	RR-20024	44.21	22.50	1061.14	528.00	36.13
	36.00	RR-20036	44.21	22.50	1591.70	792.00	48.13
300 [354]	48.00	RR-20048	44.21	22.50	2122.27	1,056	60.13
	6.00	RR-3006	70.93	38.00	425.56	228.00	19.13
	12.00	RR-30012	70.93	38.00	851.12	456.00	25.13
	18.00	RR-30018	70.93	38.00	1276.69	684.00	31.13
	24.00	RR-30024	70.93	38.00	1702.25	912.00	37.13
400 [475]	36.00	RR-30036	70.93	38.00	2553.37	1,368	49.13
	48.00	RR-30048	70.93	38.00	3404.50	1,824	61.13
	6.00	RR-4006	95.09	51.00	570.51	306.00	21.19
	12.00	RR-40012	95.09	51.00	1141.02	612.00	27.19
	18.00	RR-40018	95.09	51.00	1711.53	918.00	33.19
500 [565]	24.00	RR-40024	95.09	51.00	2282.04	1,224	39.19
	36.00	RR-40036	95.09	51.00	3423.06	1,836	51.19
	48.00	RR-40048	95.09	51.00	4564.08	2,448	63.19
	6.00	RR-5006	113.15	63.00	678.92	378.00	22.75
	12.00	RR-50012	113.15	63.00	1357.85	756.00	28.75
500 [565]	18.00	RR-50018	113.15	63.00	2036.77	1,134	34.75
	24.00	RR-50024	113.15	63.00	2715.70	1,512	40.75
	36.00	RR-50036	113.15	63.00	4073.54	2,264	52.75
	48.00	RR-50048	113.15	63.00	5431.39	3,024	64.75

RR Series



Capacity:
10-500 tons

Stroke:
2.25-48.00 inch

Maximum Operating Pressure:
10,000 psi



Enerpac CLRG-Series
If you do not have a high cycle application, Enerpac CLRG-series cylinders may be the right alternative.

Page: 38



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

Page: 109



Optional Snap-in Saddles
Optional snap-in saddles for RR-series double-acting cylinders:

Saddle Type	Cylinder Model Number	Saddle Model Number
Flat	RR-1010, 1012	A-102F
	RR-1010, 1012	CAT-10
Tilt	RR-308, 3014	CAT-50
	RR-506, 5013	CAT-100
	RR-5020, 756	
	RR-7513	

Standard Saddles

Grooved	RR-1010, 1012	A-102G
	RR-308, 3014	A-252G

For additional information on saddles:

Page: 12

