

▼ Shown from left to right: RAC5010, RAC15010, RAC304, RAC208



Lightweight for Maximum Portability



Saddles

All RAC-cylinders are equipped with bolt-on removable hardened steel saddles. For Tilt Saddles see next page.

Page: **19**



Lightweight Hand Pumps

The Enerpac composite lightweight hand pumps **P392** or **P802** make the optimal lightweight set.

Page: **78**

- Composite bearings prevent metal-to-metal contact, increasing cylinder life and resistance to side loads of up to 10%
- Hard-Coat finish on all surfaces resists damage and extends cylinder life
- Handles included on all 30 - 150-ton models
- For protection against load-induced damage a saddle is standard on all models
- Steel base plate is standard on RAC 20-ton models and above. The steel base plate is optional only on RAC10 and 15-ton models
- Integral stop ring prevents plunger over-travel and is capable of withstanding the full cylinder capacity
- High-strength return spring for rapid cylinder retraction
- CR400 coupler and dust cap included on all models
- All cylinders meet ASME B-30.1 standard.



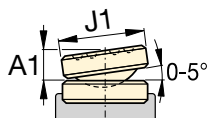
◀ The unique Enerpac RA-Series cylinders – lightweight and made of aluminum alloy – these RAC506 cylinders are ideal for the positioning of tunnel elements under the river (High Speed Train Line, The Netherlands).

Cylinder Capacity tons (maximum)	Stroke (in)	Model Number	Cylinder Effective Area (in ²)
10 (9.9)	1.97	RAC102	1.95
	3.94	RAC104	1.95
	5.91	RAC106	1.95
15 (15.4)	1.97	RAC152	3.03
	3.94	RAC154	3.03
	5.91	RAC156	3.03
20 (24.2)	1.97	RAC202	4.83
	3.94	RAC204	4.83
	5.91	RAC206	4.83
	7.87	RAC208	4.83
	9.84	RAC2010	4.83
30 (34.2)	1.97	RAC302	6.85
	3.94	RAC304	6.85
	5.91	RAC306	6.85
	7.87	RAC308	6.85
	9.84	RAC3010	6.85
50 (54.9)	1.97	RAC502	10.99
	3.94	RAC504	10.99
	5.91	RAC506	10.99
	7.87	RAC508	10.99
	9.84	RAC5010	10.99
100 (110.9)	1.97	RAC1002	22.19
	3.94	RAC1004	22.19
	5.91	RAC1006	22.19
	7.87	RAC1008	22.19
	9.84	RAC10010	22.19
150 (175.9)	1.97	RAC1502	35.18
	3.94	RAC1504	35.18
	5.91	RAC1506	35.18
	7.87	RAC1508	35.18
	9.84	RAC15010	35.18

Single-Acting, Spring-Return Cylinders

Optional Bolt-on Tilt Saddle Dimensions (in)

For Cylinder Model / Capacity tons	Tilt Saddle * Model Number	Tilt Saddle Diameter J1	Addition to Collapsed Height A1
RAC20, 30	CATS30	2.17	0.43
RAC50	CATS50	2.80	0.55
RAC100	CATS150	3.82	0.75
RAC150	CATS200	4.96	0.71

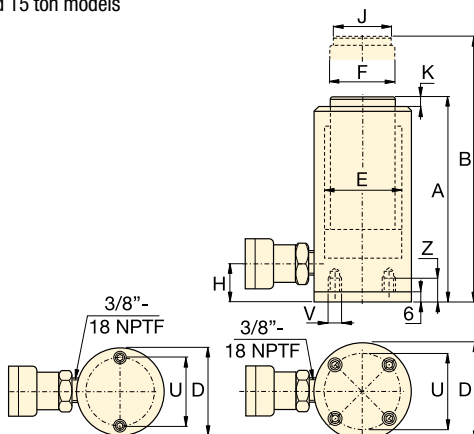


* Tilt saddles not available for 10 and 15 ton models

Optional Steel Base Plate

For Cylinder Model / Capacity tons	Base Plate ²⁾ Model Number
RAC10	JBA10
RAC15	JBA15

²⁾ Base plate height of 0.25 inch included on all 20-150 tons models. Base Plate is optional on 10-15 tons cylinders.



RAC102 - RAC156

RAC202 - RAC15010

RAC Series



Capacity:

10 - 150 tons

Stroke:

1.97 - 9.84 inches

Maximum Operating Pressure:

10,000 psi



Steel Base Plate

The steel base plate protects the cylinder from damage, it should not be removed. See warning on page 17.

Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Cylinder Bore Diameter	Plunger Diameter	Bottom to Advance Port	Saddle Diameter	Saddle Protrusion from Plunger	Bolt Circle	Thread	Thread Depth		Model Number
(in ³)	A (in)	B (in)	D (in)	E (in)	F (in)	H (in)	J (in)	K (in)	U (in)	V (mm)	Z (in)	(lbs)	
3.66	6.06	7.91	2.28	1.57	1.26	0.91	0.94	0.12	1.54	M6	0.47	2.7	RAC102
7.93	8.03	11.97	2.28	1.57	1.26	0.91	0.94	0.12	1.54	M6	0.47	3.7	RAC104
11.59	10.00	15.91	2.28	1.57	1.26	0.91	0.94	0.12	1.54	M6	0.47	4.4	RAC106
6.10	6.34	8.31	2.76	1.97	1.57	0.91	1.14	0.12	1.89	M6	0.47	4.2	RAC152
12.20	8.31	12.24	2.76	1.97	1.57	0.91	1.14	0.12	1.89	M6	0.47	5.3	RAC154
17.69	10.28	16.18	2.76	1.97	1.57	0.91	1.14	0.12	1.89	M6	0.47	6.4	RAC156
9.52	6.85	8.83	3.35	2.48	1.97	1.07	1.58	0.12	2.76	M6	0.47	7.9	RAC202
19.03	8.82	12.76	3.35	2.48	1.97	1.07	1.58	0.12	2.76	M6	0.47	9.0	RAC204
28.55	10.79	16.70	3.35	2.48	1.97	1.07	1.58	0.12	2.76	M6	0.47	10.1	RAC206
38.01	12.76	20.64	3.35	2.48	1.97	1.07	1.58	0.12	2.76	M6	0.47	11.2	RAC208
47.53	14.73	24.58	3.35	2.48	1.97	1.07	1.58	0.12	2.76	M6	0.47	12.3	RAC2010
13.49	7.13	9.10	3.94	2.95	2.36	1.31	1.58	0.12	3.15	M6	0.47	9.9	RAC302
26.99	9.09	13.04	3.94	2.95	2.36	1.31	1.58	0.12	3.15	M6	0.47	11.5	RAC304
40.48	11.06	16.98	3.94	2.95	2.36	1.31	1.58	0.12	3.15	M6	0.47	13.0	RAC306
53.91	13.04	20.91	3.94	2.95	2.36	1.31	1.58	0.12	3.15	M6	0.47	14.5	RAC308
67.40	15.01	24.85	3.94	2.95	2.36	1.31	1.58	0.12	3.15	M6	0.47	16.1	RAC3010
21.65	7.32	9.90	5.12	3.74	3.15	1.19	1.97	0.12	4.33	M6	0.47	18.7	RAC502
43.30	9.29	13.24	5.12	3.74	3.15	1.19	1.97	0.12	4.33	M6	0.47	21.6	RAC504
64.95	11.26	17.17	5.12	3.74	3.15	1.19	1.97	0.12	4.33	M6	0.47	24.5	RAC506
86.49	13.24	21.11	5.12	3.74	3.15	1.19	1.97	0.12	4.33	M6	0.47	27.3	RAC508
108.14	15.21	25.05	5.12	3.74	3.15	1.19	1.97	0.12	4.33	M6	0.47	30.2	RAC5010
43.71	8.71	10.68	7.09	5.32	4.33	1.82	3.70	0.12	5.91	M10	0.47	38.1	RAC1002
87.43	10.67	14.61	7.09	5.32	4.33	1.82	3.70	0.12	5.91	M10	0.47	43.2	RAC1004
131.14	12.64	18.55	7.09	5.32	4.33	1.82	3.70	0.12	5.91	M10	0.47	48.3	RAC1006
174.64	14.61	22.49	7.09	5.32	4.33	1.82	3.70	0.12	5.91	M10	0.47	53.4	RAC1008
218.35	16.58	26.43	7.09	5.32	4.33	1.82	3.70	0.12	5.91	M10	0.47	58.4	RAC10010
69.30	9.56	11.53	9.06	6.69	5.51	2.02	4.45	0.12	7.87	M10	0.47	55.8	RAC1502
138.61	11.53	15.47	9.06	6.69	5.51	2.02	4.45	0.12	7.87	M10	0.47	64.6	RAC1504
207.91	13.49	19.41	9.06	6.69	5.51	2.02	4.45	0.12	7.87	M10	0.47	73.4	RAC1506
276.87	15.47	23.34	9.06	6.69	5.51	2.02	4.45	0.12	7.87	M10	0.47	82.2	RAC1508
346.17	17.44	27.28	9.06	6.69	5.51	2.02	4.45	0.12	7.87	M10	0.47	91.1	RAC15010