

RAC-Series, Aluminium Cylinders

▼ Shown from left to right: RAC-5010, RAC-15010, RAC-304, RAC-208



- 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 models
- Steel base plate and saddle for protection against load-induced damage
- Integral stop ring prevents plunger over-travel and is capable of withstanding the full cylinder capacity
- High strength return spring for rapid cylinder retraction
- CR-400 coupler and dustcap included on all models
- All cylinders meet ASME B-30.1 and ISO 10100 standards.



◀ The unique Enerpac RA-Series cylinders – lightweight and made of aluminium alloy – these RAC-506 cylinders are ideal for the positioning of tunnel elements under the river (High Speed Train Line, The Netherlands).

Lightweight for Maximum Portability



Saddles

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

Page: 13



Lightweight Hand Pumps

The Enerpac composite lightweight hand pumps P-392 or P-802 make the optimal lightweight set.

Page: 72

Cylinder Capacity @ 700 bar ton (kN)	Stroke (mm)	Model Number	Cylinder Effective Area (cm ²)
20 (218)	50	RAC-202	31,2
	100	RAC-204	31,2
	150	RAC-206	31,2
	200	RAC-208	31,2
	250	RAC-2010	31,2
30 (309)	50	RAC-302	44,2
	100	RAC-304	44,2
	150	RAC-306	44,2
	200	RAC-308	44,2
	250	RAC-3010	44,2
50 (496)	50	RAC-502	70,9
	100	RAC-504	70,9
	150	RAC-506	70,9
	200	RAC-508	70,9
	250	RAC-5010	70,9
100 (1002)	50	RAC-1002	143,1
	100	RAC-1004	143,1
	150	RAC-1006	143,1
	200	RAC-1008	143,1
	250	RAC-10010	143,1
150 (1589)	50	RAC-1502	227,0
	100	RAC-1504	227,0
	150	RAC-1506	227,0
	200	RAC-1508	227,0
	250	RAC-15010	227,0

Single-Acting, Aluminium Cylinders

Optional Bolt-on Tilt Saddle Dimensions (mm)

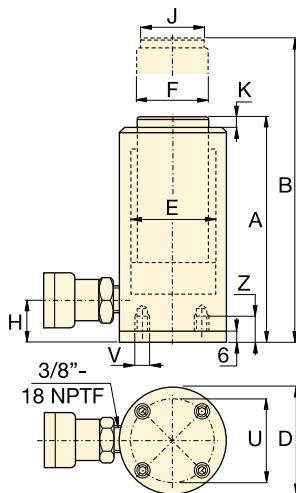
For Cylinder Model / Capacity ton	Tilt Saddle * Model Number	Tilt Saddle Diameter J1	Saddle Protrusion from Plunger K1	
RAC-50	CATG-50	50	24	
RAC-100	CATG-150	91	31	
RAC-150	CATG-200	118	35	

* Tilt saddles not available for less than 50 ton.

Steel Base Plate Mounting Holes

Cylinder Model / Capacity ton	Bolt Circle U (mm)	Thread V (mm)	Thread Depth ¹⁾ Z (mm)
RAC-20	70	M6	12
RAC-30	80	M6	12
RAC-50	110	M6	12
RAC-100	150	M10	12
RAC-150	200	M10	12

¹⁾ Including Base Plate Height of 6 mm and four (4) base plate bolts M6.



RAC Series



Capacity:

20 - 150 ton

Stroke:

50 - 250 mm

Maximum Operating Pressure:

700 bar

	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Cylinder Bore Diameter	Plunger Diameter	Bottom to Advance Port	Saddle Diameter	Saddle Protrusion from Plunger	(kg)	Model Number
	(cm ³)	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	H (mm)	J (mm)	K (mm)		
	156	174	224	85	63	50	27	40	3	3,6	RAC-202
	312	224	324	85	63	50	27	40	3	4,1	RAC-204
	468	274	424	85	63	50	27	40	3	4,6	RAC-206
	624	324	524	85	63	50	27	40	3	5,1	RAC-208
	780	374	624	85	63	50	27	40	3	5,6	RAC-2010
	221	181	231	100	75	60	32	40	3	4,5	RAC-302
	442	231	331	100	75	60	32	40	3	5,2	RAC-304
	663	281	431	100	75	60	32	40	3	5,9	RAC-306
	884	331	531	100	75	60	32	40	3	6,6	RAC-308
	1105	381	631	100	75	60	32	40	3	7,3	RAC-3010
	354	186	236	130	95	80	30	50	3	8,5	RAC-502
	709	236	336	130	95	80	30	50	3	9,8	RAC-504
	1063	286	436	130	95	80	30	50	3	11,1	RAC-506
	1417	336	536	130	95	80	30	50	3	12,4	RAC-508
	1771	386	636	130	95	80	30	50	3	13,7	RAC-5010
	715	221	271	180	135	110	46	94	3	17,3	RAC-1002
	1431	271	371	180	135	110	46	94	3	19,6	RAC-1004
	2147	321	471	180	135	110	46	94	3	21,9	RAC-1006
	2863	371	571	180	135	110	46	94	3	24,2	RAC-1008
	3578	421	671	180	135	110	46	94	3	26,5	RAC-10010
	1135	243	293	230	170	140	51	113	3	25,3	RAC-1502
	2270	293	393	230	170	140	51	113	3	29,3	RAC-1504
	3405	343	493	230	170	140	51	113	3	33,3	RAC-1506
	4540	393	593	230	170	140	51	113	3	37,3	RAC-1508
	5675	443	693	230	170	140	51	113	3	41,3	RAC-15010