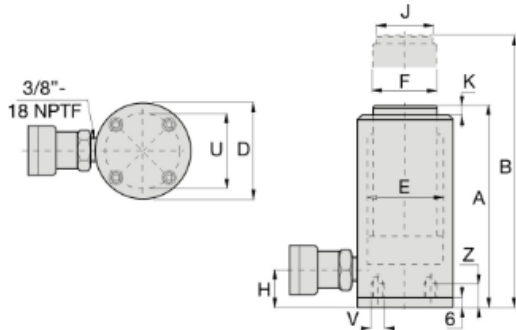


# 01 CYLINDERS



## ALUMINUM (RAC)

- 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.



Model	Cylinder Capacity tons (kN)	Stroke		Cylinder Effective Area		Oil Capacity Area		A Height		B Extended Height		D Outside Diameter		E Cylinder Bore Diameter		F Plunger Diameter		H Bottom to Advance Port		J Saddle Diameter		K Saddle Protrusion from Plunger		Weight	
		mm	inch	cm <sup>2</sup>	inch <sup>2</sup>	cm <sup>3</sup>	inch <sup>3</sup>	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs
RAC-202	20 (218)	50	1.97	31.2	4.84	156	9.52	174	6.85	224	8.82	85	3.35	63	2.48	50	1.97	27	1.06	40	1.57	3	0.12	3.6	7.9
RAC-204		100	3.94	31.2	4.84	312	19.04	224	8.82	324	12.76	85	3.35	63	2.48	50	1.97	27	1.06	40	1.57	3	0.12	4.1	9.0
RAC-206		150	5.91	31.2	4.84	468	28.56	274	10.79	424	16.69	85	3.35	63	2.48	50	1.97	27	1.06	40	1.57	3	0.12	4.6	10.1
RAC-208		200	7.87	31.2	4.84	624	38.08	324	12.76	524	20.63	85	3.35	63	2.48	50	1.97	27	1.06	40	1.57	3	0.12	5.1	11.2
RAC-2010		250	9.84	31.2	4.84	780	47.60	374	14.72	624	24.57	85	3.35	63	2.48	50	1.97	27	1.06	40	1.57	3	0.12	5.6	12.4
RAC-302	30 (309)	50	1.97	44.2	6.85	221	13.49	181	7.13	231	9.09	100	3.94	75	2.95	60	2.36	32	1.26	40	1.57	3	0.12	4.5	9.9
RAC-304		100	3.94	44.2	6.85	442	26.97	231	9.09	331	13.03	100	3.94	75	2.95	60	2.36	32	1.26	40	1.57	3	0.12	5.2	11.5
RAC-306		150	5.91	44.2	6.85	663	40.46	281	11.06	431	16.97	100	3.94	75	2.95	60	2.36	32	1.26	40	1.57	3	0.12	5.9	13.0
RAC-308		200	7.87	44.2	6.85	884	53.94	331	13.03	531	20.91	100	3.94	75	2.95	60	2.36	32	1.26	40	1.57	3	0.12	6.6	14.6
RAC-3010		250	9.84	44.2	6.85	1105	67.43	381	15.00	631	24.84	100	3.94	75	2.95	60	2.36	32	1.26	40	1.57	3	0.12	7.3	16.1
RAC-502	50 (496)	50	1.97	70.9	10.99	354	21.60	186	7.32	236	9.29	130	5.12	95	3.74	80	3.15	30	1.18	50	1.97	3	0.12	8.5	18.7
RAC-504		100	3.94	70.9	10.99	709	43.27	236	9.29	336	13.23	130	5.12	95	3.74	80	3.15	30	1.18	50	1.97	3	0.12	9.8	21.6
RAC-506		150	5.91	70.9	10.99	1063	64.87	286	11.26	436	17.17	130	5.12	95	3.74	80	3.15	30	1.18	50	1.97	3	0.12	11.1	24.5
RAC-508		200	7.87	70.9	10.99	1417	86.47	336	13.23	536	21.10	130	5.12	95	3.74	80	3.15	30	1.18	50	1.97	3	0.12	12.4	27.3
RAC-5010		250	9.84	70.9	10.99	1771	108.07	386	15.20	636	25.04	130	5.12	95	3.74	80	3.15	30	1.18	50	1.97	3	0.12	13.7	30.2
RAC-1002	100 (1002)	50	1.97	143.1	22.18	715	43.63	221	8.70	271	10.67	180	7.09	135	5.31	110	4.33	46	1.81	94	3.70	3	0.12	17.3	38.1
RAC-1004		100	3.94	143.1	22.18	1431	87.32	271	10.67	371	14.61	180	7.09	135	5.31	110	4.33	46	1.81	94	3.70	3	0.12	19.6	43.2
RAC-1006		150	5.91	143.1	22.18	2147	131.02	321	12.64	471	18.54	180	7.09	135	5.31	110	4.33	46	1.81	94	3.70	3	0.12	21.9	48.3
RAC-1008		200	7.87	143.1	22.18	2863	174.71	371	14.61	571	22.48	180	7.09	135	5.31	110	4.33	46	1.81	94	3.70	3	0.12	24.2	53.4
RAC-10010		250	9.84	143.1	22.18	3578	218.34	421	16.57	671	26.42	180	7.09	135	5.31	110	4.33	46	1.81	94	3.70	3	0.12	26.5	58.4
RAC-1502	150 (1589)	50	1.97	227.0	35.19	1135	69.26	243	9.57	293	11.54	230	9.06	170	6.69	140	5.51	51	2.01	113	4.45	3	0.12	25.3	55.8
RAC-1504		100	3.94	227.0	35.19	2270	138.52	293	11.54	393	15.47	230	9.06	170	6.69	140	5.51	51	2.01	113	4.45	3	0.12	29.3	64.6
RAC-1506		150	5.91	227.0	35.19	3405	207.79	343	13.50	493	19.41	230	9.06	170	6.69	140	5.51	51	2.01	113	4.45	3	0.12	33.3	73.4
RAC-1508		200	7.87	227.0	35.19	4540	277.05	393	15.47	593	23.35	230	9.06	170	6.69	140	5.51	51	2.01	113	4.45	3	0.12	37.3	82.2
RAC-15010		250	9.84	227.0	35.19	5675	346.31	443	17.44	693	27.28	230	9.06	170	6.69	140	5.51	51	2.01	113	4.45	3	0.12	41.3	91.1