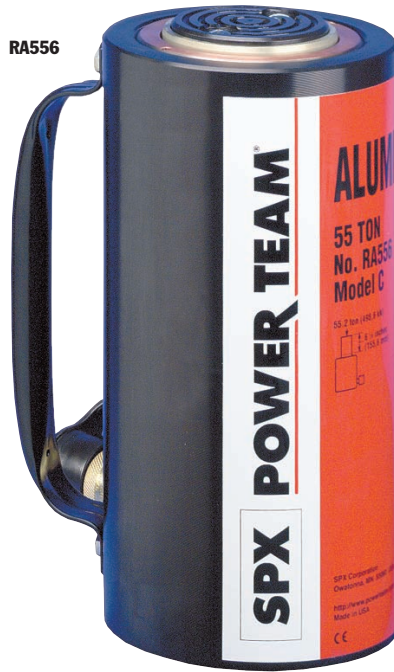


- Half the weight of steel cylinders.
- Aluminum body resists sparking in explosive environments.
- Hard coated aluminum piston rod and cylinder bore resist wear and corrosion.
- Grooved piston top helps keep the load from sliding on top of piston.
- Designed for jacking and other non- production operations.



ALUMINUM CYLINDERS RA-SERIES

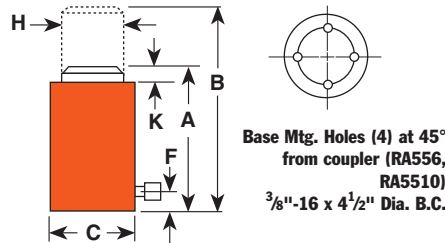
20-100 TONS
Single Acting,
Spring-Return

Half the weight of equal capacity steel cylinders.

ASME B30.1
10,000 PSI



CYLINDERS



Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	Retracted Ht. (in.)	Extended Ht. (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Internal Base Thread (in.)	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Internal Pressure at Cap. (psi)	Tons at 10,000 psi	Product Wt. (lbs.)
20	2 ¹ / ₈	RA202	9.41	6 ³ / ₈	8 ¹ / ₂	3 ³ / ₄	1 ¹ / ₄	2	5 ⁵ / ₁₆	2 ³ / ₈	4.43	9,030	22.15	7.7
	4 ¹ / ₈	RA204	18.27	8 ³ / ₈	12 ¹ / ₂	3 ³ / ₄	1 ¹ / ₄	2	5 ⁵ / ₁₆	2 ³ / ₈	4.43	9,030	22.15	9.3
	6 ¹ / ₈	RA206	27.13	10 ³ / ₈	16 ¹ / ₂	3 ³ / ₄	1 ¹ / ₄	2	5 ⁵ / ₁₆	2 ³ / ₈	4.43	9,030	22.15	11.3
30	2 ¹ / ₈	RA302	13.79	7 ³ / ₈	9 ¹ / ₂	4 ¹ / ₄	1 ¹ / ₄	2 ¹ / ₂	3 ³ / ₈	2 ⁷ / ₈	6.49	9,250	32.45	11.1
	4 ¹ / ₈	RA304	26.77	9 ³ / ₈	13 ¹ / ₂	4 ¹ / ₄	1 ¹ / ₄	2 ¹ / ₂	3 ³ / ₈	2 ⁷ / ₈	6.49	9,250	32.45	13.1
	6 ¹ / ₈	RA306	39.75	11 ³ / ₈	17 ¹ / ₂	4 ¹ / ₄	1 ¹ / ₄	2 ¹ / ₂	3 ³ / ₈	2 ⁷ / ₈	6.49	9,250	32.45	15.1
55	2 ¹ / ₈	RA552	23.50	6 ³ / ₄	8 ⁷ / ₈	5 ¹ / ₄	1 ³ / ₈	3 ¹ / ₈	1 ¹ / ₄	3 ³ / ₄	11.04	9,960	55.2	16.2
	4 ¹ / ₈	RA554	45.50	8 ³ / ₄	12 ⁷ / ₈	5 ¹ / ₄	1 ³ / ₈	3 ¹ / ₈	1 ¹ / ₄	3 ³ / ₄	11.04	9,960	55.2	19.6
	6 ¹ / ₈	RA556*	67.60	10 ³ / ₄	16 ⁷ / ₈	5 ¹ / ₄	1 ³ / ₈	3 ¹ / ₈	1 ¹ / ₄	3 ³ / ₄	11.04	9,960	55.2	24.0
100	10	RA5510*	110.40	15 ¹ / ₈	25 ¹ / ₈	5 ¹ / ₄	1 ³ / ₈	3 ¹ / ₈	1 ¹ / ₄	3 ³ / ₄	11.04	9,960	55.2	31.8
	2 ¹ / ₈	RA1002	43.80	7 ³ / ₄	9 ⁷ / ₈	7 ³ / ₈	1 ³ / ₁₆	4 ¹ / ₈	1 ¹ / ₈	5 ¹ / ₈	20.62	9,696	103.1	33.4
	6 ¹ / ₄	RA1006*	129.00	11 ³ / ₄	18	7 ³ / ₈	1 ³ / ₁₆	4 ¹ / ₈	1 ¹ / ₈	5 ¹ / ₈	20.62	9,696	103.1	49.9

* Equipped with carrying handles.

