

# ALUMINUM CYLINDERS RA-SERIES

## 20-200 TONS

Single Acting,  
Spring-Return

Half the weight of equal capacity steel cylinders.

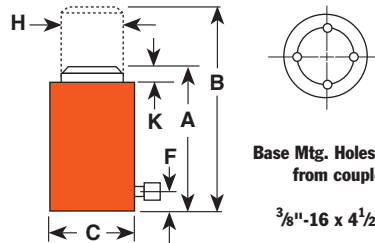
- Half the weight of steel cylinders.
- Aluminum body resists sparking in explosive environments.
- Hard coated aluminum piston rod and cylinder bore resist wear and corrosion.
- Grooved piston top helps keep the load from sliding on top of piston.
- Designed for jacking and other non- production operations.



ASME B30.1  
10,000 PSI



RA1006



Base Mtg. Holes (4) at 45°  
from coupler (RA556,  
RA5510)  
3/8"-16 x 4 1/2" Dia. B.C.

CYLINDERS

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A Retracted Ht. (in.)	B Extended Ht. (in.)	C Outside Dia. (in.)	F Base to Port (in.)	H Piston Rod Dia. (in.)	K Piston Rod Protrusion (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	5/16	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	5/16	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	5/16	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	3/8	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	3/8	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	3/8	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	1/4	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	1/4	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	1/4	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	1/4	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	1/8	5 1/8	20.62	9,696	103.1	33.4
200	6 1/4	RA1006*	129.00	11 3/4	18	7 3/8	1 3/16	4 1/8	1/8	5 1/8	20.62	9,696	103.1	49.9
150	6	RA1506	Contact factory for details and availability											
200	6	RA2006	Contact factory for details and availability											

\* Equipped with carrying handles.

