

# Locking Collar

## CYLINDER RL SERIES- ALUMINUM

**55 & 100 Ton**  
Single- Acting,  
Spring-Return

Positive mechanical lock to support load.

CYLINDERS



Locking collar feature permits non-hydraulic support of load.



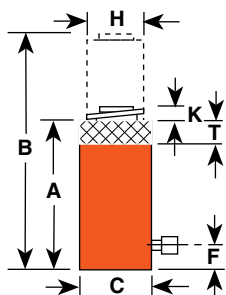
RA1006L

ASME B30.1  
10,000 PSI



RA556L

- Support lifted load for extended periods of time with hydraulic pressure released.
- At half the weight of steel cylinders of comparable capacity, aluminum cylinders are ideal when portability is a key factor.
- Feature carrying handle.



Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A	B	C	F	H	K	T	Cylinder Effective Area (sq. in.)	Internal Pressure at Cap. (psi)	Tons at 10,000 psi	Product Wt. (lbs.)
				Retracted Ht. (in.)	Extended Ht. (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Piston Rod Protrusion (in.)	Nut Thickness (in.)				
55	6 <sup>1</sup> / <sub>8</sub>	RA556L	67.6	12 <sup>1</sup> / <sub>2</sub>	18 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>4</sub>	1 <sup>3</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>4</sub>	<sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>	11.04	9,960	55.2	29.6
100	6 <sup>1</sup> / <sub>4</sub>	RA1006L	129	13 <sup>3</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>2</sub>	<sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>	20.62	9,696	103.1	64.0

Note: Supported loads not to exceed the rated capacity of the cylinders. Not intended to support additional dynamic loads, such as those applied by moving vehicles.