

# CYLINDERS

FROM  
**2**  
TO  
**1220**  
TONS!

## SUPERIOR FEATURES OF POWER TEAM HYDRAULIC CYLINDERS:

We build our own cylinders in our ISO 9001 registered manufacturing facilities. All Power Team cylinders are date coded and stamped with a maximum pressure rating and capacity. Each cylinder we make complies with the demanding ASME B30.1 standard and are assembled/tested by certified assemblers and pressure tested to 125% of capacity before leaving our factories. Some other key features included:

- Cylinder bores are roller burnished to harden and smooth the surface, improving seal life by 30%.
- Base mounting holes withstand full cylinder capacity.
- Typical cylinder burst pressure range is from 25,000 to 35,000 psi, well-beyond extreme usage.
- Cylinders with gland nuts may be “dead-ended” at 10,000 psi.
- Eddy current and mag-particle inspections detect flaws in the steel.
- Material is removed from surface to ensure that any flaws are eliminated.

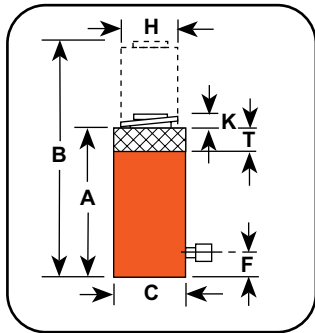


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Model Shown:  
**RA1006L, RA556L**



**Technical Dimensions**



**Features**

**POSITIVE MECHANICAL LOCKING COLLAR TO SUPPORT EXTENDED LOAD HOLDING.**

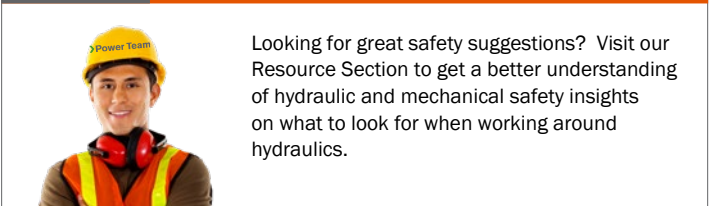
- Supports lifted load for extended periods of time with hydraulic pressure released.
- At half the weight of steel cylinders of comparable capacity, aluminum cylinders are ideal when portability is a key factor.
- Features carrying handle.
- Complies with ANSI / ASME B30.1 Safety Standards.



**Locking Collar**



**Learn More - About Hydraulic Safety Insight**



**Ordering Information**

Cyl. Cap.	Stroke	Order No.	Oil Cap.	A	B	C	F	H	K	T	Bore Dia.	Cylinder Effective Area	Int. Press. at Cap.	Tons at 10,000	Prod. Wt.
				Retracted Height	Extended Height	Outside Dia.	Base to Port	Piston Rod Dia.	Piston Rod Protrusion	Nut Thickness					
(tons)	(in.)		(cu. in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(sq. in.)	(psi)	(tons)	(lbs.)
55	6.13	RA556L	67.6	12.50	18.63	5.25	1.38	3.25	0.50	1.50	3.75	11.04	9,960	55.2	29.6
100	6.25	RA1006L	129	13.38	19.63	7.38	1.19	4.50	0.25	1.50	5.13	20.62	9,696	103.1	64.0