

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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RC_C RC_D	Single-Acting Double-Acting	Load Hydraulic	740-1220 740-1220	37-38
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RC_P	Single-Acting, Locking	Load	55-620	41
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Model Shown:
RC2402P

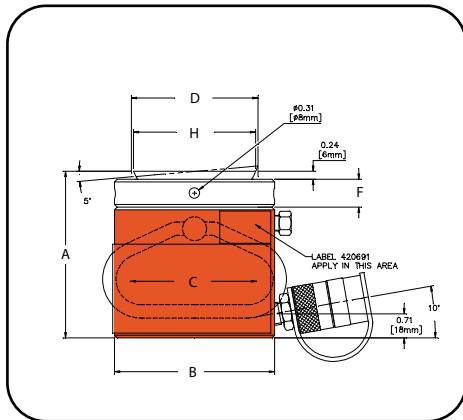


Features

LOW HEIGHT POSITIVE MECHANICAL LOCK TO SUPPORT EXTENDED LOAD HOLDING.

- Compact design where space is limited.
- Locking collar designed to support lifted load for extended periods of time with hydraulic pressure released.
- Integral tilt saddle comes standard and improves performance under side load, reducing the effects of off-center loading
- Overflow port (weep hole) prevents piston from being overextended under load.
- Special coating improves corrosion and abrasion resistance.
- Equipped with 3/8" NPTF female half couplers.

Technical Dimensions



▶ Pancake locking cylinders are ideal for tight quartered locations.



Ordering Information

Cyl. Cap.	Stroke	Order No.	Oil Cap.	A	B	C	D	E	F	G	H	Prod. Wt.
				Retracted Height	Outside Dia.	Bore Dia.	Piston Thread Dia.	Base to Port	Nut Thickness	Swivel Cap Protrusion	Swivel Cap Dia.	
(tons)	(in.)		(cu. in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(lbs.)
55	2.00	RC0552P	21.66	4.92	4.72	3.74	3.74 x 4	0.75	0.83	0.24	3.62	24.25
100	1.75	RC1002P	36.43	5.39	6.50	5.12	5.12 x 6	0.83	1.22	0.31	4.96	48.50
155	1.75	RC1552P	55.23	5.83	8.07	6.30	6.30 x 6	1.06	1.50	0.35	5.83	85.98
240	1.75	RC2402P	86.23	6.10	10.04	7.87	7.87 x 6	1.10	1.57	0.39	6.18	130.07
380	1.75	RC3802P	134.74	7.01	12.60	9.84	9.84 x 6	1.38	1.97	0.43	9.45	242.51
620	1.75	RC6202P	220.78	7.56	15.94	12.60	12.60 x 6	1.50	2.36	0.39	11.61	425.49