

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.

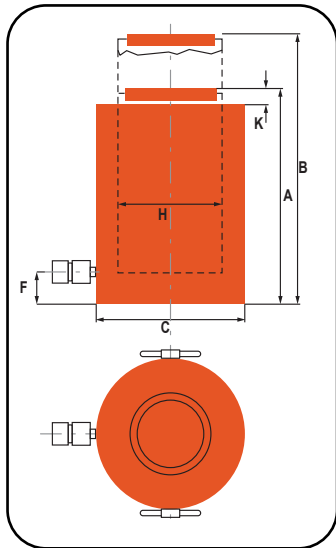


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RLS	Single-Acting	Spring	5-150	18
RSS	Single-Acting Double-Acting	Spring	10-250	19-20
RH	Single-Acting Double-Acting	Spring Hydraulic	100-100 30-200	21-22
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RC_C RC_D	Single-Acting Double-Acting	Load Hydraulic	740-1220 740-1220	37-38
RA_L R_L	Single-Acting, Locking	Load	55-100 55-565	39-40
RC_P	Single-Acting, Locking	Load	55-620	41
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Model Shown:
RC7406C



Technical Dimensions



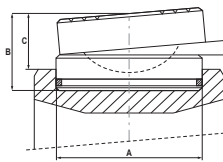
Features

HIGH-TONNAGE, LOW CYCLE, GRAVITY RETURN CYLINDERS.

- Overflow port (weep hole) prevents piston from being overextended under load.
- Alloy heat treated piston and body for reliability and strength.
- Plated piston rod increases corrosion resistance and gives superior bearing support.
- Complies with ANSI / ASME B30.1 Safety Standards.



Optional Swivel Load Caps Ordering Info



Reduce the effects of off-center loading. Tilt up to 5 degrees. Radial grooves on top of cap reduce load slippage. Notch across face of each cap helps keep loads having a round shaped center.

Used with Cylinder	Swivel Cap Order No.	Wt. (lbs.)	A (in.)	B (in.)	C (in.)
RC740_C, RC965_C	2000824	158.7	11.4	5.5	3.9
RC1220_C	2000825	249.1	12.7	6.9	4.9



Hydraulic Hoses



Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

Refer to the accessories section for details.

Ordering Information

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A	B	C	F	H	K	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Tons at 10,000 (tons)	Prod. Wt. (lbs.)
				Retracted Height (in.)	Extended Height (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Piston Rod Protrusion (in.)				
740	2	RC7402C	293.6	10.40	12.40	16.90	2.60	13.80	0.40	13.80	149.10	742	661
	6	RC7406C	880.7	14.40	20.30	16.90	2.60	13.80	0.40	13.80	149.10	742	917
	10	RC74010C	1467.8	18.30	28.10	16.90	2.60	13.80	0.40	13.80	149.10	742	1168
965	2	RC9652C	383.2	11.40	13.40	19.30	2.80	15.70	0.40	15.70	194.80	970	933
	6	RC9656C	1150.2	15.40	21.30	19.30	2.80	15.70	0.40	15.70	194.80	970	1272
	10	RC96510C	1916.2	19.30	29.10	19.30	2.80	15.70	0.40	15.70	194.80	970	1598
1220	2	RC12202C	485.1	16.30	18.10	21.70	3.10	17.70	0.40	17.70	246.50	1227	1689
	6	RC12206C	1455.8	20.20	26.10	21.70	3.10	17.70	0.40	17.70	246.50	1227	2116
	10	RC122010C	2452.2	24.40	34.20	21.70	3.10	17.70	0.40	17.70	246.50	1227	2539