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.

POWERTHON™ LIFETIME WARRANTY

ISO 9001 CERTIFIED

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C Accessories	-	-	-	5-16
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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
RC_L Series	Single-Acting, Locking	Load	740-1220	42

Model Shown:

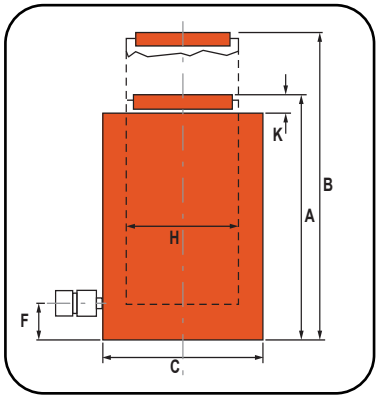
RC7402L, RC9656L

Features

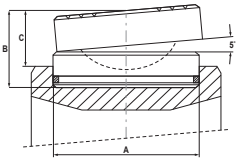
POSITIVE MECHANICAL LOCK TO SUPPORT LOAD.

- Supports lifted load for extended periods of time with hydraulic pressure released.
- All cylinders feature coated pistons to resist corrosion and abrasion.
- Visible indicator band alerts when stroke limit is reached. Overflow port (weep hole) stroke limiter prevents piston from being overextended.

Technical Dimensions



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_L, RC965_L	2000824	158.7	11.4	5.5	3.9
RC1220_L	2000825	249.1	12.7	6.9	4.9

Ordering Information

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A Retracted Height (in.)	B Extended Height (in.)	C Outside Dia. (in.)	F Base to Port (in.)	K Bore Dia. (in.)	L Piston Rod Protrusion (in.)	Piston Thread Dia. (in.)	Cylinder Effective Area (sq. in.)	Tons at 10,000 (tons)	Prod. Wt. (lbs.)
740	2	RC7402L	293	12.0	14.0	16.9	2.6	13.8	0.2	13.8 X 6	149.1	746	756
	6	RC7406L	880	16.5	22.4	16.9	2.6	13.8	0.2	13.8 X 6	149.1	746	1,043
	10	RC74010L	1,468	21.1	30.9	16.9	2.6	13.8	0.2	13.8 X 6	149.1	746	1,332
965	2	RC9652L	383	12.8	14.8	19.3	2.8	15.7	0.2	15.7 X 6	194.7	973	1045
	6	RC9656L	1,150	17.3	23.2	19.3	2.8	15.7	0.2	15.7 X 6	194.7	973	1,418
	10	RC96510L	1,917	21.9	31.7	19.3	2.8	15.7	0.2	15.7 X 6	194.7	973	1,792
1220	2	RC12202L	485	13.4	15.4	21.7	3.1	17.7	0.2	17.7 X 6	246.5	1232	1,501
	6	RC12206L	1,456	19.1	25.0	21.7	3.1	17.7	0.2	17.7 X 6	246.5	1232	1,971
	10	RC122010L	2,426	23.6	33.5	21.7	3.1	17.7	0.2	177 X 6	246.5	1232	2,441