

# Center Hole CYLINDERS RT SERIES

**17½-100 Ton**  
Single- Acting, Spring-  
Return & Double-Acting

Ideal for pulling and pressing.



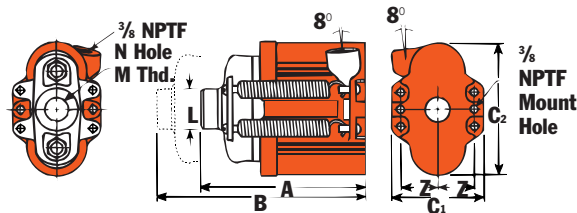
- A proven design; used throughout industry for over 40 years.
- Cylinders withstand full “dead-end” loads.
- Compact design; ideal for applications in which space is limited.
- Basic head can be changed from a tapped hole to plain hole by simply changing insert. (See page 41)
- Pistons have “Power Tech” treatment for corrosion and abrasion resistance.

RT 302

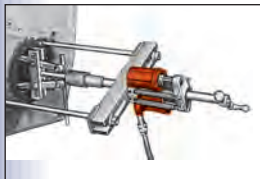
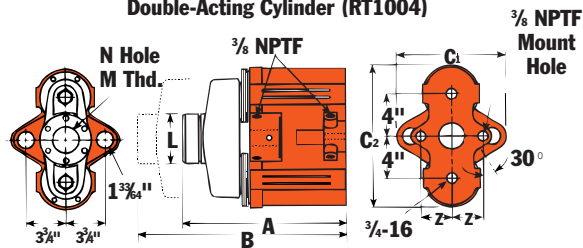
ASME B30.1  
10,000 PSI

CYLINDERS

### Dimensions for reference only. Single-Acting, Spring-Return Cylinders



### Double-Acting Cylinder (RT1004)



RT 302



Cyl. Capacity (Tons)	Stroke (in.)	Order No.	Oil Cap. (cu.in.)		A	B	C1	C2	L	M	N	Z	Cyl. Mounting Hole (in.)	Int. Press at Cap. (psi)	Tons at 10,000 psl	Prod. Wt. (lbs.)	
			Push	Return													
17 ½	2	RT172	7.06	-	6 7/8	8 7/8	3 3/4	5 3/4	1 3/4	1"-8	1 1/16	1 1/2	11/32	3.53	9,915	17.7	14.6
30	2 1/2	RT302	15.7	-	8 7/16	10 15/16	4 1/4	7 1/2	2 1/4	1 1/4"-7	1 19/64	1 13/16	15/32	6.28	9,554	31.4	28.2
50	3	RT503	29.4	-	10 9/16	13 9/16	5 7/8	9 3/8	2 7/8	1 5/8"-5 1/2	1 43/64	2 3/8	21/32	9.81	10,193	49.1	56.0
100	4 7/8**	RT1004	96.5	63.2	15 1/8	20	10 1/2	13 1/4	4 3/4	2 1/2"-8	2 9/16	2 7/8	25/32	19.24*	10,395	96.2	160

\* Push side only.

\*\* The RT1004 has a bypass when full stroke is reached, preventing over-pressurization of the cylinder.

NOTE: Each cylinder complete with threaded cylinder head insert, cylinder half coupler and cylinder attaching screws.

CYLINDER/PUMP MATCHING

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ACCESSORY/REPAIR

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PUMP/CYLINDER SETS

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