

CENTER HOLE

RT Series

17-1/2-100 Ton

Single- Acting, Spring
Return & Double-Acting



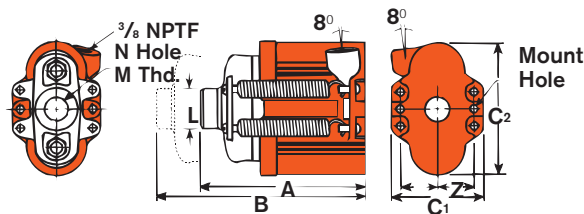
ASME B30.1
10,000 PSI

IDEAL FOR PULLING AND PRESSING.

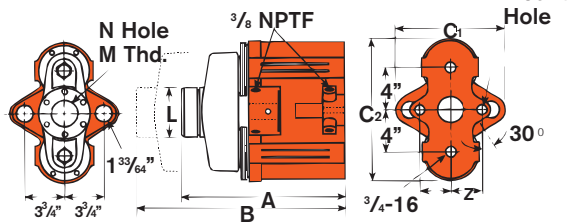
- A proven design; used throughout the industry for over 45 years.
- Cylinders withstand full “dead-end” loads.
- Compact design: ideal for applications in which space is limited.
- Basic head can be changed from a tapped hole to plain hole by simply changing insert. (See page 39)
- Pistons have “Power Tech” treatment for corrosion and abrasion resistance.

RT 302

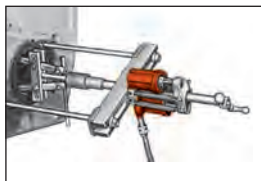
Dimensions for reference only.
Single-Acting, Spring-Return Cylinders



Double-Acting Cylinder (RT1004)



RT 1004



Cyl. Cap. (Tons)	Stroke (in.)	Order No.	Oil Cap. (cu.in.)		A Re- tracted Height (in.)	B Ex tended Height (in.)	C1 Out- side Dia. (in.)	C2 Out- side Dia. (in.)	L Load Cap Dia. (in.)	M Load Cap Thread (in.)	N Center Hole Dia. (in.)	Z Mount Hole Location (in.)	Cyl. Mount Hole (in.)	Cyl. Eff. Area (sq.in.)	Int. Press at Cap. (psi)	Tons at 10,000 psi	Prod Wt. (lbs.)
17 1/2	2	RT172	7.06	-	6 7/8	8 7/8	3 3/4	5 3/4	1 3/4	1"-8	1 1/32	1 1/2	1 1/32	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	1 5/32	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	2 1/32	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	2 5/32	19.24*	10,395	96.2	160

** 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.