

# Center Hole CYLINDERS RT SERIES

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

Ideal for pulling and pressing.



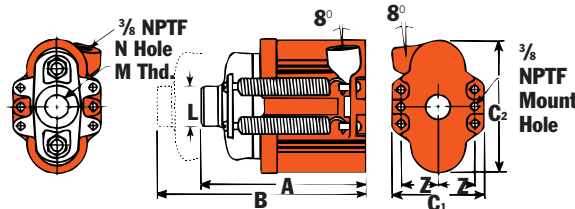
- A proven design; used throughout industry for over 40 years.
- Cylinders withstand full “dead-end” loads.
- Compact design; ideal for applications in which space is limited.
- Basic head can be changed from a tapped hole to plain hole by simply changing insert. (See page 41)
- Pistons have “Power Tech”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

RT 302

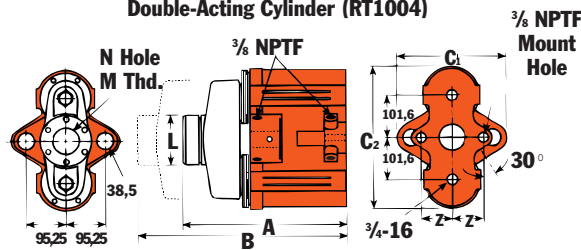
ASME B30.1  
700 BAR

CYLINDERS

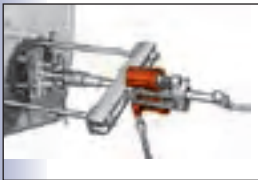
**Dimensions for reference only.  
Single-Acting, Spring-Return Cylinders**



**Double-Acting Cylinder (RT1004)**



RT 302



Cyl. Capacity (Tons)	Stroke (mm)	Order No.	Oil Cap. (cm³)		A Re-tracted Height (mm)	B Ex-tended Height (mm)	C1 Out-side Dia. (mm)	C2 Out-side Dia. (mm)	L Load Cap Dia. (mm)	M Load Cap Thread (in.)	N Center Hole Dia. (mm)	Z Mounting Hole Location (mm)	Cyl. Mounting Hole (mm)	Metric Eff. Area (cm²)	Metric Tons at 700 bar	Metric Weight (kg)
			Push	Return												
17,5	50,8	RT172	116	-	174,6	225,4	95,3	146,1	44,5	1-8	27,0	38,1	8,7	22,8	16,1	6,6
30	63,5	RT302	258	-	214,3	277,8	108,0	190,5	57,2	1 1/4-7	32,9	46,0	11,9	40,5	28,5	12,8
50	76,2	RT503	482	-	268,3	344,5	149,2	238,1	73,0	1 5/8-5 1/2	42,5	60,3	16,7	63,3	44,5	25,4
100	123,8	RT1004**	1.583	1.037	384,2	508,0	266,7	336,6	120,7	2 1/2-8	65,1	73,0	19,8	124,1*	87,3	72,6

\* 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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