

Center Hole CYLINDERS RT SERIES

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

Ideal for pulling and pressing.



RT 302

- 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.
- Pistons have “Power Tech” treatment for corrosion and abrasion resistance.



“QUICK CHANGE” HEAD INSERTS FOR RT SERIES CYLINDERS

For Use With:	Threaded Order No.*	Plain Order No.
RT172	21669	21714
RT302	21873	21872
RT503	22274	22275
RT1004	24197	24196

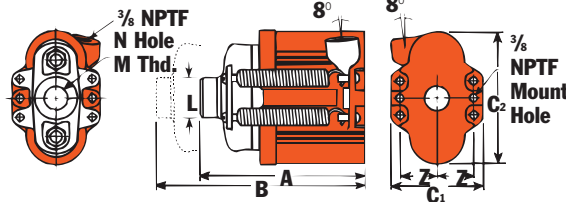
* Provided with cylinder
Switch from a tapped hole to a plain hole quickly with these cylinder head inserts. They are held in place with a socket screw. Plain hole permits use of a speed nut for readjusting cylinder after extension.

CYLINDERS



Dimensions for reference only.

Single-Acting, Spring-Return Cylinders



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		Metric	
			Push	Return									Hole (mm)	Eff. Area (cm²)	Tons at 700 bar	Weight (kg)
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 ¼-7	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 ⅝-5 ½	42,5	60,3	16,7	63,3	44,5	25,4
100	123,8	RT1004**	1.583.1037	-	384,2	508,0	266,7	336,6	120,7	2 ¼-8	65,1	73,0	19,8	124,1*	87,3	72,6

* Push side only for RT1004 double-acting cylinder.
** 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.

“CENTER-HOLE” CYLINDER ACCESSORIES (OPTIONAL)

To use with Cyl. No.	Order Set No.	RT172, RH203	RT302, RH302 RH303, RH306	RT503, RH503, RH603 RH605, RH606	RT1004
		RHA20	RHA30	RHA50	RHA100
1 Speed Crank	1	24814	27198	29595	303785
2 Speed Nut	2	302482	302483	33439	34136
3 Adjusting Screw	3	32118	34758	32698	32699
4 Threaded Insert	4	Order threaded insert for RH series cylinders with the accessory set.(See above) Threaded insert supplied with RT series cylinders.			
5 Pushing Adapter	5	201923	34510	34755	-
6 Pushing Adapter	6	201454	34511	34756	-
7 Jack Screw	7	24813	25931	32701	32702
8 Screw Cap	8	28228	28229	28230	-

