

Center Hole Power-Twin® Cylinders (RT Series)

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

Ideal for pulling and pressing applications.



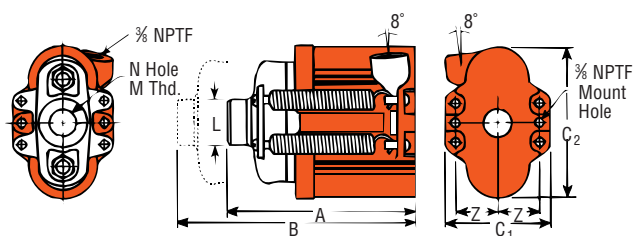
- A proven design; used throughout industry for over 40 years.
- Cylinders fully comply with ASME B30.1 standard.
- Cylinders will withstand full “dead-end” loads.
- Twin-cylinder design permits compact size; ideal for applications in which space is limited.
- Basic head allows you to change from a tapped hole to a plain hole by simply changing the head insert. (See page 161)
- Pistons have “Power Tech” surface treatment for corrosion and abrasion resistance. See page 176.



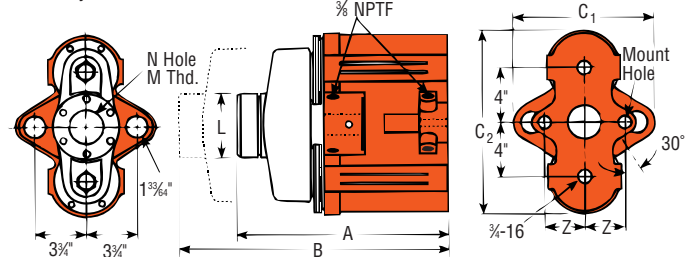
ORDERING INFORMATION

See current price list for shipping weights

Single-Acting, Spring-Return Cylinders



Double-Acting Cylinder (RT1004)



| Cylinder Capacity (Tons) | Stroke (in.) | Order No. | Oil Cap. (cu. in.) | | A | B | C1 | C2 | L | M | N | Z | Mounting Hole (in.) | Cyl. Eff. Area (sq. in.) | Int. Press. at Cap. (psi) | Tons at 10,000 psi | Prod. Wt. (lbs.) |
|--------------------------|--------------|-----------|--------------------|--------|------------------------|-----------------------|--------------------|--------------------|---------------------|-----------------------|------------------------|---------------------|---------------------|--------------------------|---------------------------|--------------------|------------------|
| | | | Push | Return | Retracted Height (in.) | Extended Height (in.) | Outside Dia. (in.) | Outside Dia. (in.) | Load Cap Dia. (in.) | Load Cap Thread (in.) | Center Hole Dia. (in.) | Hole Location (in.) | | | | | |
| 17½ | 2 | RT172 | 7.06 | — | 6¾ | 8¾ | 3¾ | 5¾ | 1¾ | 1"–8 | 1¼ | 1½ | ½ | 3.53 | 9,915 | 17.7 | 14.6 |
| 30 | 2½ | RT302 | 15.7 | — | 8¾ | 10½ | 4¾ | 7½ | 2¾ | 1¼–7 | 1¼ | 1¼ | ¾ | 6.28 | 9,554 | 31.4 | 28.2 |
| 50 | 3 | RT503 | 29.4 | — | 10¾ | 13¾ | 5¾ | 9¾ | 2¾ | 1½–5½ | 1¾ | 2¾ | ¾ | 9.81 | 10,193 | 49.1 | 56.0 |
| 100 | 4¾** | RT1004 | 96.5 | 63.2 | 15¾ | 20 | 10½ | 13¾ | 4¾ | 2½–8 | 2¾ | 2¾ | ¾ | 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.