SINGLE ACTING TELESCOPIC CYLINDERS



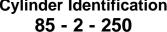
Features

- Plunger diameters: 2" thru 9-3/4"
- Strokes up to 400"
- One thru six moving stages
 available
- Maximum pressure to 2,500 PSI
- High-quality V-packing to seal high and
- low pressures
- Externally threaded head nuts for extra strength, easy seal adjustment
- Special plunger stops assure full shoulder stop
- Easy-access bleeder screw, manual or automatic
- High quality glass-filled nylon or optional bronze bearing rings
- Dual lip wiper to prevent contamination
- Wide range of cylinder mountings, including trunions
- Maximum overlap for stability
- Chromed plungers available

MANUFACTURERS SERVICE MANUALS ARE AVAILABLE. CALL FOR DETAILS.

Individual Plunger Lifting Capacities for Single-Acting Telescopic Cylinders

| Plunger | Cross Section | Specific Operating Pressures | | | | | |
|---------------|-------------------|------------------------------|-------------------|-------------------|--------------------------|--|--|
| Dia. (In.) | Area (Sq. In.) | 1500 PSI (LBS) | 1800 PSI (LBS) | 2000 PSI (LBS) | 2500 PSI (LBS) | | |
| 2 | 3.14 | 4,710 | 5,672 | 6,280 | 7,850 | | |
| 3 | 7.06 | 10,590 | 12,708 | 14,120 | 17,650 | | |
| 4 | 12.56 | 18,840 | 22,608 | 25,120 | 31,400 | | |
| 5 | 19.63 | 29,445 | 35,334 | 39,260 | 49,075 | | |
| 6 | 28.27 | 42,405 | 50,886 | 56,540 | 70,675 | | |
| 7 | 38.48 | 57,720 | 69,264 | 76,960 | 96,200 | | |
| 8 | 50.26 | 75,390 | 90,468 | 100,520 | 125,650 | | |
| 8-1/4 | 53.50 | 80,250 | 96,300 | 107,000 | 133,750 | | |
| 9-1/8 | 65.40 | 98,100 | 117,720 | 130,800 | 163,500 | | |
| 9-3/4 | 74.50 | 111,750 | 134,100 | 149,000 | 186,250 | | |



LARGEST MOVING STAGE

- STROKE IN INCHES

NUMBER OF MOVING STAGES -

- CYLINDER SEQUENCE NUMBER

Double Acting Cylinders



DOUBLE ACTING TELESCOPIC CYLINDERS

Features

- Piston diameters: 2-1/2" thru 10-1/2"
- Plunger diameters: 2" thru 9-3/4"
- Strokes up to 500"
- Two thru six moving stages available
- Maximum pressure to 2,500 PSI
- High-quality V-packing to seal high and low pressures
- Externally threaded head nuts for extra strength, easy seal adjustment
- Special plunger stops assure full shoulder stop
- High quality glass-filled nylon or optional bronze bearing rings
- Dual lip wiper to prevent contamination
- Wide range of cylinder mountings, including trunions
- Also available upon request
 - Positive piston seals to eliminate drift and maintain constant load
 - Chromed plungers
 - Internal relief valve assembly
 - Unequal areas for pull applications



MANUFACTURERS SERVICE MANUALS ARE AVAILABLE. CALL FOR DETAILS.

Individual Plunger Lifting Capacities for Single-Acting Telescopic Cylinders

| BORE | | Cross Section Area (Sq. In.) | Specific Operating Pressures | | | | |
|---------------------------|--------------------------|---------------------------------------|------------------------------|-------------------|-------------------|-------------------|--|
| (Piston) Dia. (In.) | Plunger Dia. (In.) | | 1500 PSI (LBS) | 1800 PSI (LBS) | 2000 PSI (LBS) | 2500 PSI (LBS) | |
| 2-1/2 | 2 | 4.90 | 7,350 | 8,820 | 9,800 | 12,250 | |
| 3-1/2 | 3 | 9.62 | 14,340 | 17,316 | 19,240 | 24,050 | |
| 4-1/2 | 4 | 15.90 | 23,850 | 28,620 | 31,800 | 39,750 | |
| 5-1/2 | 5 | 23.75 | 35,625 | 42,750 | 47,500 | 59,375 | |
| 6-1/2 | 6 | 33.18 | 49,770 | 59,724 | 66,360 | 82,950 | |
| 7-1/2 | 7 | 44.17 | 66,225 | 79,506 | 88,340 | 110,425 | |
| 8-1/2 | 8 | 56.74 | 85,110 | 102,132 | 113,480 | 141,850 | |
| 9-1/4 | 9-1/8 | 74.50 | 111,170 | 134,100 | 149,000 | 186,250 | |
| 10-1/2 | 9-3/4 | 86.59 | 129,885 | 155,862 | 173,180 | 216,475 | |

