

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 Dia. (In.)	Cross Section Area (Sq. In.)	Specific Operating Pressures			
		1500 PSI (LBS)	1800 PSI (LBS)	2000 PSI (LBS)	2500PSI (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

Cylinder Identification

85 - 2 - 250

LARGEST MOVING STAGE ——— |
 NUMBER OF MOVING STAGES ——— |
 STROKE IN INCHES ——— |
 CYLINDER SEQUENCE NUMBER ——— |



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 (Piston) Dia. (In.)	Plunger Dia. (In.)	Cross Section Area (Sq. In.)	Specific Operating Pressures			
			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

Cylinder Identification

DAT 85 - 46 - 250

DOUBLE-ACTING TELESCOPIC CYLINDER

LARGEST MOVING STAGE

NUMBER OF MOVING STAGES

STROKE IN INCHES

CYLINDER SEQUENCE NUMBER

