



Shorty CYLINDERS RSS SERIES

10-250 Ton Single-Acting, Spring- Return & Double-Acting

- Power Tech plated piston rods and gland nuts resist scoring and corrosion.
- Heavy duty return spring (except for double-acting models) provides fast piston return & low collapsed height.
- Coupler on 10 thru 50 ton models is angled upward 5° for added clearance.
- Grooved piston top keeps load from sliding.
- Cylinders can be “dead-ended” at full capacity.
- Removable carrying handles on 100 ton and 250 ton models.

Ideal for confined areas from 89 to 290,5 mm clearance.



RSS2503

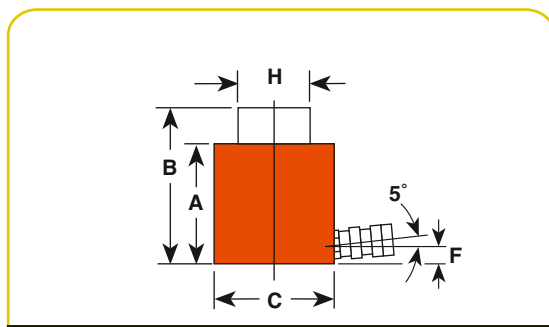


RSS302

ASME B30.1
700 BAR



Cribbing blocks are shown in a 30 ton RSS302 “Shorty” cylinder. For more information see pg 40.



CYLINDERS

| Cyl Capacity (Tons) | Stroke (mm) | Order No. | Oil Cap. (cm ²) | | A Retracted Height (mm) | B Extended Height (mm) | C Outside Dia. (mm) | F Base to Port (mm) | H Piston Rod Dia. (mm) | Bore Dia. (mm) | Cylinder Effective Area (cm ²) | Metric Tons at 700 (bar) | Weight (kg) |
|---------------------|-------------|-----------|-----------------------------|--------|-------------------------|------------------------|---------------------|---------------------|------------------------|----------------|--|--------------------------|-------------|
| | | | Push | Return | | | | | | | | | |
| 10 | 38,1 | RSS101 | 56 | - | 88,9 | 127,0 | 69,9 | 15,9 | 38,1 | 42,9 | 14,4 | 10,2 | 2,7 |
| 20 | 44,5 | RSS202 | 126 | - | 95,3 | 139,7 | 90,5 | 15,9 | 54,8 | 60,3 | 28,6 | 20,0 | 4,5 |
| 30 | 61,9 | RSS302 | 259 | - | 117,5 | 179,4 | 101,6 | 15,9 | 63,5 | 73,0 | 41,9 | 29,5 | 6,7 |
| 50 | 60,3 | RSS502 | 374 | - | 127,0 | 187,3 | 123,8 | 19,1 | 79,4 | 88,9 | 62,0 | 43,6 | 10,5 |
| 100 | 57,2 | RSS1002 | 725 | - | 139,7 | 196,9 | 168,3 | 23,8 | 111,1 | 127,0 | 126,6 | 89,1 | 21,4 |
| 100 | 38,1 | RSS1002D | 482 | 212 | 144,5 | 182,6 | 174,6 | 23,8 * | 95,3 | 127,0 | 126,6 | 89,1 | 24,7 |
| 250 | 76,2 | RSS2503 | 2.469 | - | 290,5 | 366,7 | 250,8 | 46,0 | 139,7 | 203,2 | 323,9 | 227,8 | 99,7 |

*Cylinder top to port is 40 mm
See pages 30-35 & 110-123 for hydraulic accessories.

