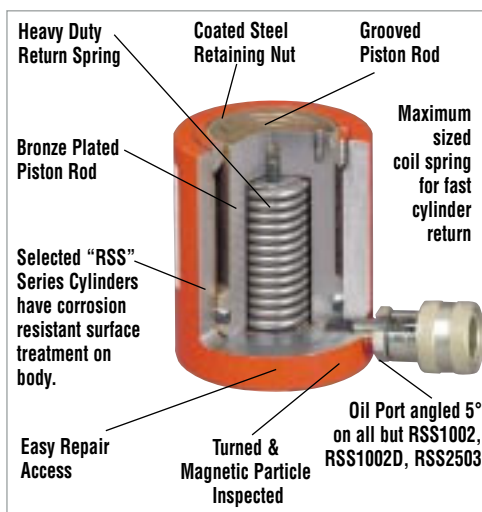


“Shorty” Cylinders (RSS Series) Single-Acting, Spring-Return & Double-Acting — 10-250 Tons Capacity

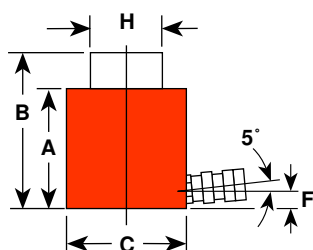
**Ideal for confined areas from 88.9 to 290.5 mm clearance.
Unique accessory, cribbing block sets page 160.**



- 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.
- Fully comply with ASME B30.1 standard.
- Bronze plated piston rods and gland nuts resist scoring and corrosion.
- Cylinders can be “dead-ended” at full capacity.
- Removable carrying handles on 100 ton and 250 ton models.
- Selected “RSS” series cylinders have the exclusive “Power Tech” surface treatment, providing corrosion and abrasion resistance. See page 176 for details.



Cribbing blocks are shown here in use with a 30 ton RSS302 “Shorty” cylinder. For more information see pg. 160.



ORDERING INFORMATION

See current price list for shipping weights

Cylinder Capacity (Tons)	Stroke (mm)	Order No.	Oil Cap. (cu. cm.)		A	B	C	F	H	Bore Dia. (mm)	Cylinder Effective Area (sq. cm.)	Internal Press. at Cap. (bar)	Metric	Prod. Wt. (kg)
			Push	Return	Retracted Height (mm)	Extended Height (mm)	Outside Dia. (mm)	Base to Port (mm)	Piston Rod Dia. (mm)				Tons at 700 bar	
10	38.1	RSS101	55.8	—	88.9	127.0	69.9	15.9	38.1	42.9	14.4	617	10.2	2.7
20	44.5	RSS202	126.3	—	95.3	139.7	90.5	15.9	54.8	60.3	28.6	623	20.0	4.5
30	61.9	RSS302	259.1	—	117.5	179.4	101.6	15.9	63.5	73.0	41.9	638	29.5	6.7
50	60.3	RSS502	373.9	—	127.0	187.3	123.8	19.1	79.4	88.9	62.0	717	43.6	10.5
100	57.2	RSS1002	724.9	—	139.7	196.9	168.3	23.8	111.1	127.0	126.6	703	89.1	21.4
100	38.1	RSS1002D	482.2	211.6	144.5	182.6	174.6	23.8*	95.3	127.0	126.6	703	89.1	24.7
250	76.2	RSS2503	2,469	—	290.5	366.7	250.8	46.0	139.7	203.2	323.9	687	227.8	99.7

*Cylinder top to port is 39.7 mm

See pages 74-80 & 156-161 for hydraulic accessories.