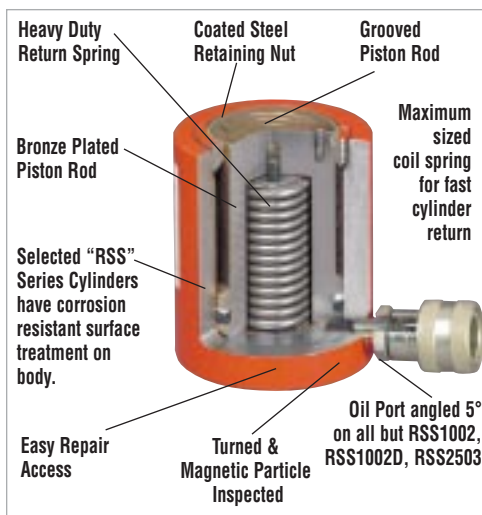


# “Shorty” Cylinders (RSS Series) Single-Acting, Spring-Return & Double-Acting — 10-250 Tons Capacity

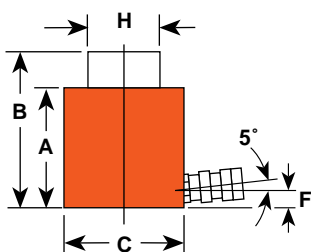
Ideal for confined areas from 3½" to 11⅞" clearance.  
Unique accessory, cribbing block sets page 160.



- 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 (in.)	Order No.	Oil Cap. (cu. in.)		A	B	C	F	H	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Internal Press. at Cap. (psi)	Tons at 10,000 psi	Prod. Wt. (lbs.)
			Push	Return	Retracted Height (in.)	Extended Height (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)					
10	1½	RSS101	3.4	–	3½	5	2¼	¾	1½	1⅞	2.24	8,943	11.2	6.0
20	1¾	RSS202	7.7	–	3¾	5½	3⅞	¾	2⅝	2%	4.43	9,029	22.1	9.9
30	2⅞	RSS302	15.8	–	4%	7⅞	4	¾	2½	2%	6.49	9,243	32.5	14.7
50	2%	RSS502	22.8	–	5	7%	4%	¾	3%	3½	9.62	10,393	48.1	23.2
100	2¼	RSS1002	44.2	–	5½	7%	6%	1⅞	4%	5	19.63	10,186	98.2	47.3
100	1½	RSS1002D	29.4	12.9	5⅞	7⅞	6%	1⅞*	3%	5	19.63	10,186	98.2	54.6
250	3	RSS2503	150.6	–	11⅞	14⅞	9%	1⅞	5½	8	50.22	9,956	251.1	220.0

\*Cylinder top to port is 1⅞"

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