

## SHORTY

RSS Series

10-250 Ton

Single-Acting, Spring Return  
& Double-Acting

**IDEAL FOR CONFINED AREAS FROM  
3-1/2" TO 11-7/16" CLEARANCE.**

- 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.



RSS2503

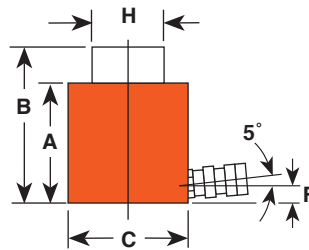


Cribbing blocks are shown in a 30 ton RSS302 "Shorty" cylinder. For more information see pg 38.



RSS302

ASME B30.1  
10,000 PSI



Cyl Capacity (Tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)		A Retracted Height (in.)	B Extended Height (in.)	C Outside Dia. (in.)	F Base to Port (in.)	H Piston Rod Dia. (in.)	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Internal Press. at Cap. (psi)	Tons at 10,000 psi	
			Push	Return									Prod. (lbs.)	Wt. (lbs.)
10	1 1/2	RSS101	3.4	-	3 1/2	5	2 3/4	5/8	1 1/2	1 11/16	2.24	8,943	11.2	6.0
20	1 3/4	RSS202	7.7	-	3 3/4	5 1/2	3 9/16	5/8	2 5/32	2 3/8	4.43	9,029	22.1	9.9
30	2 7/16	RSS302	15.8	-	4 5/8	7 1/16	4	5/8	2 1/2	2 7/8	6.49	9,243	32.5	14.7
50	2 3/8	RSS502	22.8	-	5	7 3/8	4 7/8	3/4	3 1/8	3 1/2	9.62	10,393	48.1	23.2
100	2 1/4	RSS1002	44.2	-	5 1/2	7 3/4	6 5/8	15/16	4 3/8	5	19.63	10,186	98.2	47.3
100	1 1/2	RSS1002D	29.4	12.9	5 11/16	7 3/16	6 7/8	15/16*	3 3/4	5	19.63	10,186	98.2	54.6
250	3	RSS2503	150.6	-	11 7/16	14 7/16	9 7/8	1 13/16	5 1/2	8	50.22	9,956	251.1	220.0

\*Cylinder top to port is 1 9/16

See pages 28-33 & 124-133 for hydraulic accessories.