

SHORTY

RSS Series

10-250 Ton

Single-Acting, Spring-Return
& Double-Acting

IDEAL FOR CONFINED AREAS FROM 3¹/₂" TO 11⁷/₁₆" CLEARANCE.

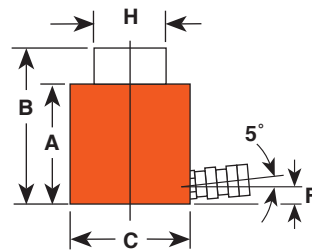
- Power Tech plated piston rods and gland nuts resist scoring and corrosion.
- Heavy duty return spring (except for double-acting models) provides fast piston return & low collapsed height.
- Coupler on 10 thru 50 ton models is angled upward 5° for added clearance.
- Grooved piston top keeps load from 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	Prod. Wt. (lbs.)
			Push	Return										
10	1 ¹ / ₂	RSS101	3.4	-	3 ¹ / ₂	5	2 ³ / ₄	5 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 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 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 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	1 ⁵ / 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	1 ⁵ / 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 1⁹/₁₆

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