

Shorty CYLINDERS RSS SERIES

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

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

CYLINDERS

- 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

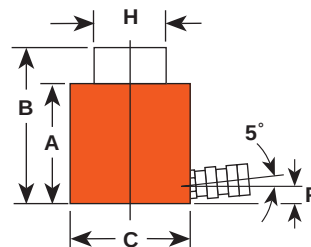


RSS302

ASME B30.1
700 BAR



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



Cyl Capacity (Tons)	Stroke (mm)	Order No.	Oil Cap. (cm³)		A	B	C	F	H	Bore Dia. (mm)	Cylinder Effective Area (cm²)	Metric Tons at 700 (bar)	Weight (kg)
			Push	Return	Retracted Height (mm)	Extended Height (mm)	Outside Dia. (mm)	Base to Port (mm)	Piston Rod Dia. (mm)				
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	376,2	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.

