

# Low profile CYLINDERS RLS SERIES

**5-150 Ton**  
Single-Acting,  
Spring-Return

Ideal for confined areas from  
41 to 101,6 mm clearance.

**CYLINDERS**



- Cylinder body, piston and gland nut "Power Tech" treated for corrosion and abrasion resistance (see page 8).
- Standard domed piston rod (5-30 ton) or swivel cap (50-150 ton) minimize effects of off-center loading.
- Unique heavy duty spring provides fast piston return.
- A 9796  $\frac{3}{8}$ " NPTF female half coupler is standard with each cylinder (the RLS50 has a  $\frac{3}{8}$ " coupler which is not angled). Oil ports are  $\frac{3}{8}$ " NPTF (except the RLS50).
- Couplers on all cylinders, except RLS50, are angled upward for extra clearance.

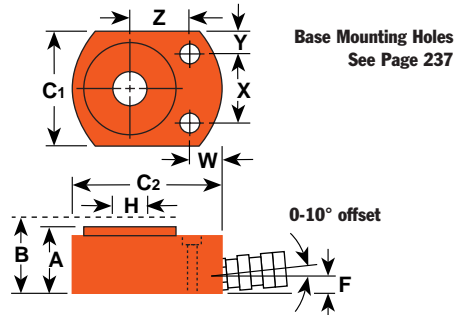


RLS100



RLS1000S

ASME B30.1  
700 BAR



Base Mounting Holes  
See Page 237

Cyl. Cap.	Stroke (mm)	Order No.	Oil Cap. (cm <sup>3</sup> )	A	B	C1 & C2	F	H	W	X	Y	Z	Bore Dia. (mm)	Cyl. Eff. Area (cm <sup>2</sup> )	Metric Tons	
				Re- tracted Height (mm)	Ex- tended Height (mm)	Outside Dia. (mm)	Base Port (mm)	Piston Rod Dia. (mm)	Mounting Hole Location (mm)			at 700 bar			Weight (kg)	
5	14,3	RLS50	10	41,3	55,6	41,3x65,1	19,1	15,9	19,1	28,6	6,4	25,4	28,6	6,4	4,5	1,0
10	11,1	RLS100	17	44,5	55,6	55,6x82,6	15,9	19,1	17,5	36,5	9,5	33,3	42,9	14,4	10,1	1,5
20	11,1	RLS200	33	50,8	61,9	76,2x101,6	16,7	28,6	18,3	49,2	13,5	39,7	60,3	28,6	20,1	2,5
30	12,7	RLS300	53	58,7	71,4	95,3x114,3	18,3	34,9	20,6	52,4	21,4	44,5	73,0	41,9	29,5	3,9
50	15,9	RLS500S	99	66,7	82,6	114,3x139,7	21,4	44,5	23,8	66,7	23,8	54,0	88,9	62,1	43,6	6,3
75	15,9	RLS750S	163	79,4	95,3	140,5x165,1	25,4	54,0	23,8	76,2	32,1	65,9	114,3	102,6	72,2	10,6
100	15,9	RLS1000S	202	85,7	101,6	152,4x177,8	25,4	63,5	20,6	76,2	38,1	71,4	127,0	126,6	89,1	13,6
150	14,3	RLS1500S	282	101,6	115,9	190,5x215,9	33,3	76,2	33,3	117,5	36,5	79,4	158,8	197,9	139,2	23,6

CYLINDER/PUMP MATCHING

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PUMP/CYLINDER SETS

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