

LOW PROFILE

RLS Series

5-150 Ton

Single-Acting, Spring Return

IDEAL FOR CONFINED AREAS FROM 1-5/8" TO 4" CLEARANCE.

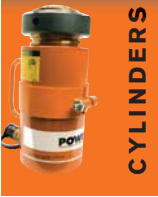
- Cylinder body, piston and gland nut "Power Tech" treated for corrosion and abrasion resistance (see page 8).
- Standard domed piston rod (5-30 ton) or swivel cap (50-150 ton) minimize effects of off-center loading.
- Unique heavy duty spring provides fast piston return.
- A 9796 3/8" NPTF female half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



RLS100



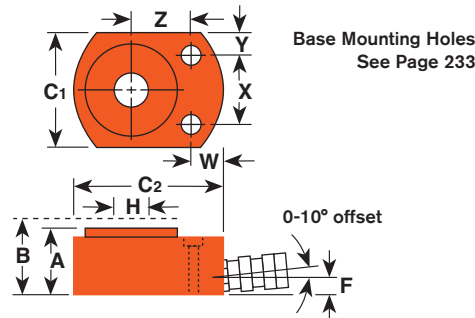
RLS1000S



CYLINDERS



ASME B30.1
10,000 PSI



Base Mounting Holes
See Page 233

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A Re-tracted Height (in.)	B Ex-tended Height (in.)	C1 & C2 Outside Dia. (in.)	F Base to Port (in.)	H Rod Prod. Dia. (in.)	W	X	Y Z			Bore Dia. (in.)	Cyl. Eff. Area (sq. in.)	Int. Press. at Cap. (psi)	Tons at 10,000 psi	Prod. Wt. (lbs.)
											Mounting Hole	Location	(in.)					
5	9/16	RLS50	.62	1 5/8	2 3/16	1 5/8 x 2 9/16	3/4	5/8	3/4	1 1/8	1/4	1	1 1/8	.994	10,061	4.97	2.2	
10	7/16	RLS100	1.0	1 3/4	2 3/16	2 3/16 x 3 1/4	5/8	3/4	1 1/16	1 7/16	3/8	1 5/16	1 11/16	2.236	8,943	11.18	3.3	
20	7/16	RLS200	2.0	2	2 7/16	3 x 4	2 1/32	1 1/8	2 3/32	1 15/16	1 7/32	1 9/16	2 3/8	4.430	9,029	22.15	5.6	
30	1/2	RLS300	3.2	2 5/16	2 13/16	3 3/4 x 4 1/2	2 3/32	1 3/8	1 3/16	2 1/16	2 7/32	1 3/4	2 7/8	6.492	9,242	32.46	8.6	
50	5/8	RLS500S	6.0	2 5/8	3 1/4	4 1/2 x 5 1/2	2 7/32	1 3/4	1 5/16	2 5/8	1 5/16	2 1/8	3 1/2	9.621	10,394	48.10	14.0	
75	5/8	RLS750S	9.9	3 1/8	3 3/4	5 17/32 x 6 1/2	1	2 1/8	1 5/16	3	1 17/64	2 19/32	4 1/2	15.904	9,431	79.52	23.3	
100	5/8	RLS1000S	12.3	3 3/8	4	6 x 7	1	2 1/2	1 3/16	3	1 1/2	2 13/16	5	19.635	10,186	98.17	30.0	
150	9/16	RLS1500S	17.2	4	4 9/16	7 1/2 x 8 1/2	1 5/16	3	1 5/16	4 5/8	1 7/16	3 1/8	6 1/4	30.680	9,778	153.39	52.0	