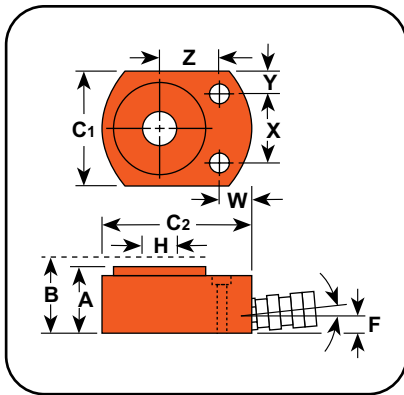


Model Shown:
RLS100



RLS200 used in this lifting application.



Features

IDEAL LOW CLEARANCE OR TIGHT CONSTRAINT APPLICATIONS REQUIRING HIGH FORCES.

- Low height starting at 1.63" to 4.00".
- Cylinder body, piston and gland nut are "Power-Tech" treated for corrosion and abrasion resistance.
- Standard domed piston rod (5-30 tons) or swivel cap (50-150 tons) minimize effects of off-center loading.
- Unique heavy-duty spring provides fast piston return on all cylinders, except RLS50.
- Coupler is angled upward for extra clearance.
- Complies with ANSI / ASME B30.1 Safety Standards.

Cylinders



RLS1000S (with swivel load cap)



RLS Series ending with an "S" suffix denotes models equipped with a swivel load cap.



Mounting holes for "RLS" cylinders

RLS Series	Description	RLS Series	Description
RLS50	0.34" C'bore x 0.25" deep, 0.22" thru hole	RLS500S	0.70" C'bore x 0.50" deep, 0.47" thru hole
RLS100	0.42" C'bore x 0.34" deep, 0.28" thru hole	RLS750S	0.80" C'bore x 0.56" deep, 0.53" thru hole
RLS200	0.62" C'bore x 0.41" deep, 0.41" thru hole	RLS1000S	0.80" C'bore x 0.56" deep, 0.53" thru hole
RLS300	0.62" C'bore x 0.44" deep, 0.28" thru hole	RLS1500S	0.81" C'bore x 0.56" deep, 0.53" thru hole

Ordering Information

Cyl. Cap.	Stroke	Order No.	Oil Cap.	A	B	C1		C2	F	H	Mounting Hole Location				Bore Dia.	Cylinder Effective Area	Int. Press. at Cap.	Tons at 10,000	Prod. Wt.
				Retracted Height	Extended Height	Outside Dia.	Base to Port	Piston Rod Dia.	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)					
(tons)	(in.)		(cu. in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(sq. in.)	(psi)	(tons)	(lbs.)	
5	0.56	RLS50	0.62	1.63	2.19	1.63	2.56	0.75	0.63	0.75	1.13	0.25	1.00	1.13	0.994	10,061	4.97	2.20	
10	0.44	RLS100	1.00	1.75	2.19	2.19	3.25	0.63	0.75	0.69	1.44	0.38	1.31	1.69	2.236	8,943	11.18	3.30	
20	0.44	RLS200	2.00	2.00	2.44	3.00	4.00	0.66	1.13	0.72	1.94	0.53	1.56	2.38	4.430	9,029	22.15	5.60	
30	0.50	RLS300	3.20	2.31	2.81	3.75	4.50	0.72	1.38	0.81	2.06	0.84	1.75	2.88	6.492	9,242	32.46	8.60	
50	0.63	RLS500S	6.00	2.63	3.25	4.50	5.50	0.84	1.75	0.94	2.63	0.94	2.13	3.50	9.621	10,394	48.10	14.00	
75	0.63	RLS750S	9.90	3.13	3.75	5.53	6.50	1.00	2.13	0.94	3.00	1.27	2.59	4.50	15.904	9,431	79.52	23.30	
100	0.63	RLS1000S	12.30	3.38	4.00	6.00	7.00	1.00	2.50	0.81	3.00	1.50	2.81	5.00	19.635	10,186	98.17	30.00	
150	0.56	RLS1500S	17.20	4.00	4.56	7.50	8.50	1.31	3.00	1.31	4.63	1.44	3.13	6.25	30.680	9,778	153.39	52.00	