

STEEL CYLINDERS

RLS Series - Low-Profile Spring Return



Capacity▶ 10 - 100 tons
Stroke▶ 1.5 - 2.44 in.
Maximum Pressure▶ 10,000 psi

- ▶ Compact low-profile design.
- ▶ HD spring for fast retraction.
- ▶ Grooved plunger to stabilize the load.
- ▶ Stop ring for piston blow-out protection.
- ▶ Rod wiper protects inner cylinder from dirt.
- ▶ Plated piston to resist scoring & corrosion.

RLS201 Shown

Cylinders



GAUGES - page 77

Improve your system visibility and safety by adding an inline hydraulic gauge to your circuit.



IN-LINE VALVES - page 72

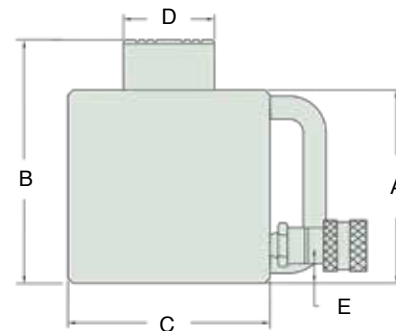
Maximize control and safety with our in-line valves.



POWER PUMPS - pages 43 - 65

Simplex offers a wide variety of lightweight power pumps to fit any application.

Simplex RLS Series provides the ideal fit and force required for most bridge lifting and pier cap maintenance jobs.▼



Model	Cap. (tons)	Stroke (in)	Oil Capacity Required (cu.in.)	Ram Bore Diameter (in)	Effect Area (sq in)	Pressure @ Capacity (psi)	A	B	C	D	E	Wgt. (lbs)
							Minimum Height (in)	Extended Height (in)	Body O.D. (in)	Piston O.D. (in)	Base to Port C/L (in)	
RLS101	10	1.5	3.4	1.68	2.24	8,940	3.47	4.97	2.75	1.5	.68	9
RLS201	20	1.75	7.8	2.38	4.43	9,030	3.87	5.62	3.62	2	.68	11
RLS302	30	2.44	15.8	2.87	6.49	9,250	4.62	7.06	4	2.62	.75	15
RLS502	50	2.38	22.8	3.5	9.62	10,400	4.81	7.19	4.87	2.75	.93	24
RLS1002	100	2.25	44.2	5	19.63	10,200	5.56	7.81	6.5	3.62	1.25	50