

STEEL CYLINDERS

Low Profile Spring Return
10-100 Tons



RLS201 Shown
See table for additional models

Simplex RLS Series provides the ideal fit and force required for most bridge lifting and pier cap maintenance jobs. Compact, light weight and tough as nails, Simplex cylinders are at home on any construction site.

SIMPLEX ADVANTAGES

- ✓ 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.



PUMPS

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

- Pg. 42



HOSES

Large selection of standard, heavy duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

- Pg. 82-83



GAUGES

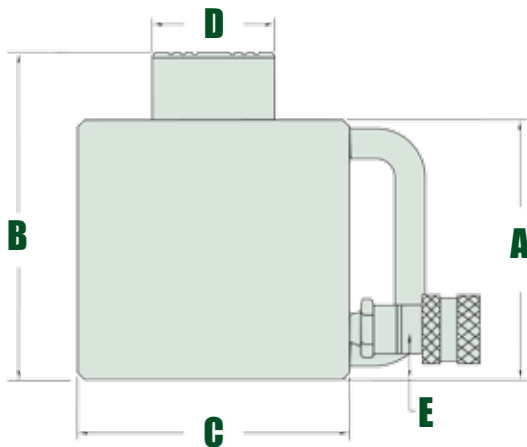
Improve your system visibility and safety by adding an inline hydraulic gauge to your circuit.

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RLS SERIES CYLINDERS

Our Cylinder design specifications meet or exceed ANSI /ASME B30.1 Safety Standards.



Product Ordering & Dimensional Specifications

Model	Cap. (tons)	Stroke (in)	Oil Cap. Req'd (cu in)	Ram Bore Dia. (in)	Effect Area (sq in)	Pressure @ Cap. (psi)	A	B	C	D	E	Wgt. (lbs)
							Min. Ht. (in)	Ext. Ht. (in)	Body O.D. (in)	Piston O.D. (in)	Base to Port C/L (in)	
RLS101	10	1 1/2	3.4	1 1/16	2.24	8,940	3 15/32	4 31/32	2 3/4	1 1/2	1 1/16	9
RLS201	20	1 3/4	7.8	2 3/8	4.43	9,030	3 7/8	5 5/8	3 5/8	2	1 1/16	11
RLS302	30	2 7/16	15.8	2 7/8	6.49	9,250	4 5/8	7 1/16	4	2 5/8	3/4	15
RLS502	50	2 3/8	22.8	3 1/2	9.62	10,400	4 13/16	7 3/16	4 7/8	2 3/4	15/16	24
RLS1002	100	2 1/4	44.2	5	19.63	10,200	5 1/16	7 13/16	6 1/2	3 5/8	1 1/4	50

