

“Low Profile” Cylinders (RLS Series)

Single-Acting, Spring-Return — 5-150 Ton Capacity

Ideal for confined areas from 41.3 to 101.6 mm clearance.



- Couplers on all cylinders, except RLS50, are angled upward for extra clearance.
- A 9796 3/8" NPTF female half coupler is standard with each cylinder. Oil ports are 3/8" NPTF.
- Unique heavy duty spring provides fast piston return.
- Standard domed piston rod (on 5-30 ton) or swivel cap (on 50-150 ton) minimize effects of off-center loading.
- Fully comply with ASME B30.1 standard.
- Cylinder bodies, pistons and gland nuts have “Power Tech” surface treatment for corrosion and abrasion resistance (see page 176).

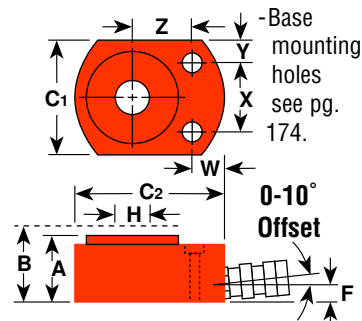
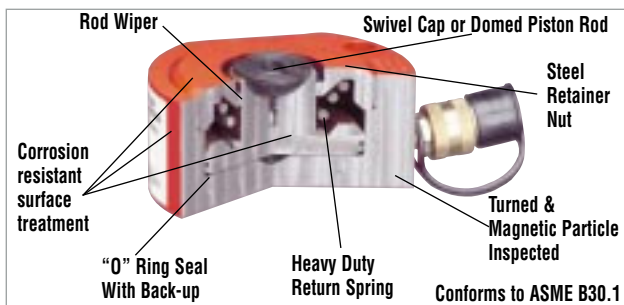
Hoses, Fittings & Gauges
Pages 74-80

Cylinder/Pump Speed/Selection Chart
Page 178

Cylinder/Pump Sets
Page 25

Cylinder Repair Kits
Page 159

Technical Info
Page 174



ORDERING INFORMATION

See current price list for shipping weights

Cyl. Cap. (tons)	Stroke (mm)	Order No.	Oil Cap. (cu. cm.)	A	B	C1 & C2	F	H	W	X	Y	Z	Bore Dia. (mm)	Cyl. Eff. Area (sq. cm.)	Int. Press. at Cap. (bar)	Metric Tons at 700 bar	Prod. Wt. (kg)
				Re-tracted Height (mm)	Ex-tended Height (mm)	Outside Dia. (mm)	Base to Port (mm)	Piston Rod Dia. (mm)	Mounting Hole Location (mm)								
5	14.3	RLS50	10.2	41.3	55.6	41.3 x 65.1	19.1	15.9	19.1	28.6	6.4	25.4	28.6	6.4	694	4.5	1.0
10	11.1	RLS100	16.4	44.5	55.6	55.6 x 82.6	15.9	19.1	17.5	36.5	9.5	33.3	42.9	14.4	617	10.1	1.5
20	11.1	RLS200	32.8	50.8	61.9	76.2 x 101.6	16.7	28.6	18.3	49.2	13.5	39.7	60.3	28.6	623	20.1	2.5
30	12.7	RLS300	52.5	58.7	71.4	95.3 x 114.3	18.3	34.9	20.6	52.4	21.4	44.5	73.0	41.9	638	29.5	3.9
50	15.9	RLS500S	98.4	66.7	82.6	114.3 x 139.7	21.4	44.5	23.8	66.7	23.8	54.0	88.9	62.1	717	43.6	6.3
75	15.9	RLS750S	162.4	79.4	95.3	140.5 x 165.1	25.4	54.0	23.8	76.2	32.1	65.9	114.3	102.6	651	72.2	10.6
100	15.9	RLS1000S	201.7	85.7	101.6	152.4 x 177.8	25.4	63.5	20.6	76.2	38.1	71.4	127.0	126.6	703	89.1	13.6
150	14.3	RLS1500S	282.1	101.6	115.9	190.5 x 215.9	33.3	76.2	33.3	117.5	36.5	79.4	158.8	197.9	675	139.2	23.6

See pages 74-80 & 156-161 for hydraulic accessories.