

STEEL CYLINDERS

RC Series - Single Acting Center Hole



RC603A Shown

Capacity Range▶ 12 - 100 tons
 Stroke Range▶ .31 - 6.13 in.
 Maximum Pressure▶ 10,000 psi

- ▶ Induction hardened piston rod for added strength eliminating the need for a loadcap.
- ▶ Collar threads for easy fixturing.
- ▶ Design allows for both push & pull forces.
- ▶ Large center hole for greater flexibility.

Cylinders



POWER PUMPS - pages 43 - 65
 Simplex offers a wide variety of lightweight power pumps to fit any application.

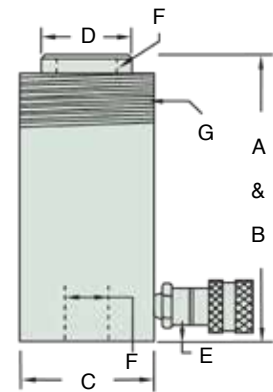
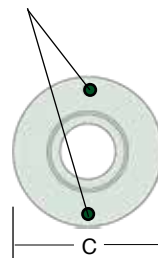


CENTER HOLE
 Corrosion resistant technology on the piston rod and retaining nut extends cylinder life.

Base Mounting Hole Dimensions

Model	Bolt Circle (in)	Thread (in)	Thread Depth (in)
RC120A	2.00	5/16 - 18 UNC	.25
RC121A	NO TAPPED HOLES		
RC123A	2.00	5/16 - 18 UNC	.50
20 Ton	3.25	3/8 - 16 UNC	.37
30 Ton	3.63	3/8 - 16 UNC	.62
60 Ton	5.13	1/2 - 13 UNC	.55
RC1003A	7.00	5/8 - 11 UNC	.75

• Refer to Base Mounting Table



Model	Cap. (tons)	Stroke (in)	Oil Capacity Required (cu. in.)	Effect Area (sq.in.)	Pres. @ Cap. (psi)	A	B	C	D	E	F	G		Wgt. (lbs)
						Minimum Height (in)	Extended Height (in)	Body O.D. (in)	Piston O.D. (in)	Base to Port C/L (in)	Center Hole Diameter (in)	Collar Threads (in)	Collar Thread Length (in)	
RC120A	12	0.31	.86	2.76	8,695	2.2	2.5	2.75	1.38	0.38	.77	2 3/4-16	1.19	3.5
RC121A	12	1.63	4.5	2.76	8,695	4.75	6.38	2.75	1.38	0.98	.77	2 3/4-16	1.19	6.5
RC123A	12	3	8.3	2.76	8,695	7.25	10.25	2.75	1.38	0.98	.77	2 3/4-16	1.19	10
RC202A	20	2	9.46	4.73	8,456	6.42	8.42	3.88	2.12	0.75	1.06	3 7/8-12	1.50	17
RC206A	20	6.10	28.67	4.73	8,456	12.09	18.09	3.88	2.12	0.75	1.06	3 7/8-12	1.50	31
RC302A	30	2.5	18.05	7.22	8,310	7.03	9.53	4.5	2.5	0.85	1.31	4 1/2-12	1.66	24
RC306A	30	6.13	44.23	7.22	8,310	13	19.13	4.5	2.5	1.00	1.31	4 1/2-12	1.66	48
RC603A	60	3	38.29	12.73	9,426	9.75	13.25	6.26	3.62	1.25	2.12	6 1/4-12	1.91	62
RC606A	60	6	76.41	12.73	9,426	12.75	18.75	6.26	3.26	1.25	2.12	6 1/4-12	1.91	78
RC1003A	100	3	62	20.60	9,694	10	13	8.38	5	1.50	3.11	8 3/8-12	2.38	132