

# STEEL CYLINDERS

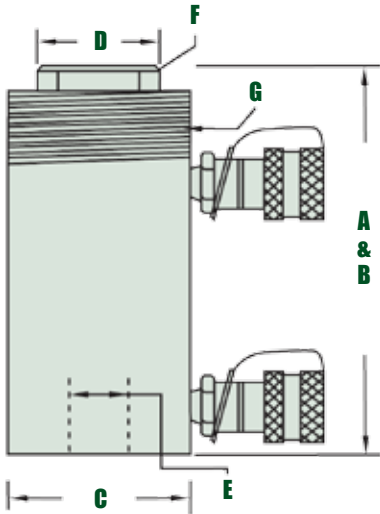
Center Hole Double Acting  
30-500 Tons



These 100 ton RCD cylinders are being used to construct grid sections for a bridge being built over the Susquehanna River at the mouth of the Chesapeake Bay.

## SIMPLEX ADVANTAGES

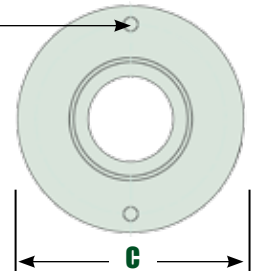
- ✓ Relief valve prevents damage in case of over pressurization.
- ✓ Stop ring for piston blow-out protection.
- ✓ Design allows for both push & pull forces.
- ✓ Double rod wiper protects against contamination.



RCD1006 Shown  
See table for additional models

### Base Mounting Hole Dimensions

Model	Bolt Circle (in)	Thread (in)	Thread Depth (in)
30 Ton	3.63	3/8 - 16 UNC	.375
60 Ton	5.12	1/2 - 13 UNC	.438
100 Ton	7	5/8 - 11 UNC	.75



## Product Ordering & Dimensional Specifications

Model	Push Cap. (tons)	Pull Cap. (tons)	Stroke (in)	Oil Cap. Req'd. (cu in)	Push Effect Area (sq in)	Pres. @ Cap. (psi)	A	B	C	D	E	F		G		Wgt. (lbs)
							Min. Ht. (in)	Ext. Ht. (in)	Body O.D. (in)	Piston O.D. (in)	Center Hole Dia. (in)	Piston I.D. Thrds. (in)	Piston Thrd. Depth (in)	Collar Thrds. (in)	Collar Thrd. Lgth. (in)	
RCD302	30	17.7	2	8.6	8.6	6,950	7	9	5	2 1/2	1 5/16	4 1/2-12	1 3/4	1 13/16-16	7/8	48
RCD307	30	17.7	7	24.75	8.6	6,950	12 1/4	19 1/4	5	2 1/2	1 5/16	4 1/2-12	1 3/4	1 13/16-16	7/8	50
RCD6010	60	45	10	55	14.5	8,230	15 1/2	25 1/2	6 3/4	4	2 1/8	---	---	---	---	95
RCD1001	100	68	1	9.0	20.6	9,700	7	9	8 1/4	5	3 1/8	---	---	---	---	85
RCD1003	100	68	3	21.1	20.6	9,700	9	12	8 1/4	5	3 1/8	---	---	---	---	100
RCD1006	100	68	6	42.3	20.6	9,700	12	18	8 1/4	5	3 1/8	---	---	---	---	115
RCD10010	100	68	10	70.5	20.6	9,700	16	26	8 1/4	5	3 1/8	---	---	---	---	150
RCD1505	150	---	5	78	31.60	9,491	13 1/8	18 1/8	10	6	3 1/8	---	---	---	---	240
RCD2006	246	---	6	172	49.30	10,000	16 1/4	22 1/4	12	8	4 1/8	---	---	---	---	385
RCD3006C	434	---	6	296	91.50	10,000	18 3/4	24 3/4	15	9 1/2	4 1/4	---	---	---	---	720
RCD5006C	646	--	6	463	129.30	10,000	21 1/2	27 1/2	17 3/4	12	5 1/4	---	---	---	---	1230

