

DOUBLE-ACTING CENTER HOLE

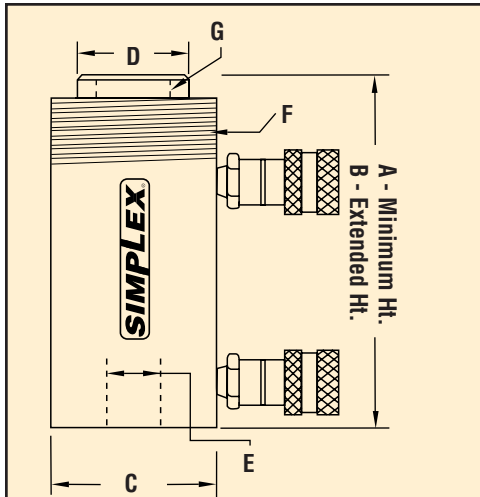
CYLINDERS

Simplex Center Hole Cylinders Raise 6,000 Ton Bridge Span 170 Ft.



Engineers from around the world watched as Simplex center hole cylinders raised a 6,000 ton bridge section more than 170 ft. over the Willamette River in Portland, OR. The span was constructed up river and barged into position. Using pull rods and couplings, Simplex RCD200 Series cylinders completed the lift in 40 hours.

- 11 standard models.
- **HARD-KOR™** Design for longer life.
- Relief valves protect against over pressurizing.
- High flow couplers.
- Large diameter center holes.
- Rhino-Rod™ pistons resist scoring & corrosion.
- Stop ring for piston blow-out protection.
- Available in custom strokes.
- Rod wiper protects inner cylinder from dirt.



Base Mounting Holes

Capacity	Thread		Bolt Circle Dia. (in)	Number of Holes
	Size (in)	Dpth. (in)		
30 Ton	3/8-16	3/8	3 5/8	2
60 Ton	1/2-13	7/16	5 1/8	
100 Ton	5/8-11	3/4	7	

Double-Acting Center Hole Cylinders 30 Through 500 Ton Capacities

Model Number	Push Cap. (tons)	Pull Cap. (tons)	Stroke (in)	A Min. Ht. (in)	B Ext. Ht. (in)	Effect Area (sq in)	Pres. @ Cap. (psi)	Oil Cap. Req'd (cu in)	C Body O.D. (in)	D Piston O.D. (in)	E Center Hole Dia. (in)	F Collar		G Piston		Wgt. (lbs)	
												Thrds. (in)	Thrld. Lgth. (in)	Thrds. (in)	Thrld. Lgth. (in)		
RCD302	30	17.7	2	7	9	8.6	6,950	8.6	5	2 1/2	1 5/16	4 1/2 - 12	1 3/4	1 13/16 - 16	7/8	48	
RCD307			7	12 1/4	19 1/4			24.75								50	
RCD6010	60	45	10	15 1/2	25 1/2	14.5	8,230	55	6 3/4	4	2 1/8	----	----	----	----	95	
RCD1001	100	68	1	7	9	20.6	9,700	9.0	8 1/4	5	3 1/8	----	----	----	----	85	
RCD1003			3	9	12			21.1								100	
RCD1006			6	12	18			42.3								115	
RCD10010			10	16	26			70.5								150	
RCD1505C	150	----	5	13 1/8	18 1/8	31.60	9,491	78	10	6	3 1/8	----	----	----	----	240	
RCD2006C	246	----	6	16 1/4	22 1/4	49.30	10,000	172	12	8	4 1/8	----	----	----	----	385	
RCD3006C	434	----		18 3/4	24 3/4	91.50		296	15	9 1/2	4 1/4	----	----	----	----	720	
RCD5006C	646	----		21 1/2	27 1/2	129.30		463	17 3/4	12	5 1/4	----	----	----	----	1230	

CUSTOM STROKES AND CAPACITIES AVAILABLE, CONTACT FACTORY