Center Hole
CYLINDERS RH SERIES

10-100 Ton
Single-Acting,
Spring-Return

Ideal for pulling and tensioning of cables, anchor bolts, forcing screws, etc.

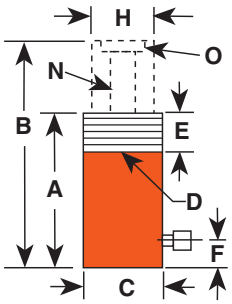
CYLINDERS

- Interchangeable piston head inserts (see page 35) provide versatility of application.
- 12, 20*, 30*, 50, 60 Ton Single-Acting Models Feature Threaded Collar
- Withstands full “dead-end” loads.
- Corrosion resistant standpipe has “Power Tech” treatment.
- All cylinders except RH120 are furnished with a 9796 3/8" NPT female half coupler.
- Aluminum cylinder body and piston are featured on the RHA306 cylinder.

* Model RH203 and RHA306 do not feature the collar thread. See the chart below.

ASME B30.1
10,000 PSI

10, 20, 100 Ton Single-Acting Models Feature Plain Collar



Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A Retracted Height (in.)	B Extended Height (in.)	C Outside Dia. (in.)	D Collar Thread (in.)	E Collar Thread Length (in.)	F Base to Port (in.)	H Piston Rod Dia. (in.)	N Center Hole Dia. (in.)	O Insert Thread and Size (in.)	Mounting Holes Bolt Circle (in.)	Cylinder Effective Area (sq. in.)	Internal Press. at Cap. (psi)	Tons at 10,000 psi	Prod. Wt. (lbs.)
10	2 1/2	RH102	5.52	5 5/16	7 13/16	3	None	None	1	2 1/16	49/64	1 3/4-12	1/4-20 x 2 3/8	2.21	9,054	11	9
10	8	RH108	17.68	11 5/16	19 5/16	3	None	None	1	2 1/16	49/64	1 3/4-12	1/4-20 x 2 3/8	2.21	9,054	11	18.7
12	5/16	RH120**	.87	2 3/16	2 1/2	2 3/4	2 3/4-16	1 1/4	3/8	1 3/8	11/16	3/4-16	5/16-18 x 2	2.76	8,692	13.8	3
12	1 5/8	RH121	4.49	4 13/16	6 7/16	2 3/4	2 3/4-16	1 1/4	1	1 3/8	51/64	None	None	2.76	8,692	13.8	6.6
12	1 5/8	RH121T**	4.49	4 13/16	6 7/16	2 3/4	2 3/4-16	1 1/4	1	1 3/8	13/16	3/4-16	None	2.76	8,692	13.8	6.6
12	3	RH123	8.29	7 1/4	10 1/4	2 3/4	2 3/4-16	13/16	1	1 3/8	13/16	None	None	2.76	8,692	13.8	8.9
20	2	RH202	9.45	6 1/8	8 1/8	3 7/8	3 7/8-12	1 1/2	1	2 1/8	1 5/64	1 9/16-16	3/8-16 x 3 1/4	4.72	8,466	23.6	16.1
20	3	RH203	11.76	6 1/16	9 1/16	4	None	None	1	2 3/4	1 3/64	2 1/4-12	3/8-16 x 3 1/4	3.92	10,186	19.6	20
20	6	RH206	28.35	12 1/8	18 1/8	3 7/8	3 7/8-12	1 1/2	1	2 1/8	1 5/64	1 9/16-16	3/8-16 x 3 1/4	4.72	8,466	23.6	30.2
30	2 1/2	RH302	15.85	6 1/4	8 3/4	4 3/4	4 3/4-12	1 1/2	1 5/32	3 1/4	1 19/64	2 3/4-12	7/16-20 x 3 5/8	6.34	9,457	31.7	25.6
30	5 7/8	RHA306	38.1	11 5/32	17 1/32	5 1/8	None	None	1 1/4	3 1/4	1 9/32	2 5/8-8	None	6.34	9,457	31.7	21.9
30	6	RH306	38.1	9 3/4	15 3/4	4 3/4	4 3/4-12	1 1/2	1 5/32	3 1/4	1 9/32	2 3/4-12	7/16-20 x 3 5/8	6.34	9,457	31.7	39
50	3	RH503	32.58	7 1/8	10 1/8	6	6-12	2	1 1/4	4 1/8	1 43/64	3 1/4-12	5/8-18 x 4 3/4	10.86	9,208	54.3	46.6
60	3	RH603*	37	9 1/4	12 1/4	6 1/4	6 1/4-12	2 1/2	1	3 19/32	2 1/8	3-12	1/2-13 x 5 1/8	12.31	9,750	61.6	60
60	6	RH606*	73.86	12 1/4	18 1/4	6 1/4	6 1/4-12	2 1/2	1	3 19/32	2 1/8	3-12	1/2-13 x 5 1/8	12.31	9,750	61.6	78
100	3	RH1003*	61.8	10	13	8 3/8	None	None	1 1/4	5	3 1/8	4 1/8-12	None	20.62	9,700	103.1	115

*Supplied with carrying handles.

Aluminum

** RH120 and RH121T do not have an internal threaded insert, but do have a 3/4-16 internal thread. The RH120 inlet port is 1/4" NPTF.