

Model Shown:
RH203, RH503

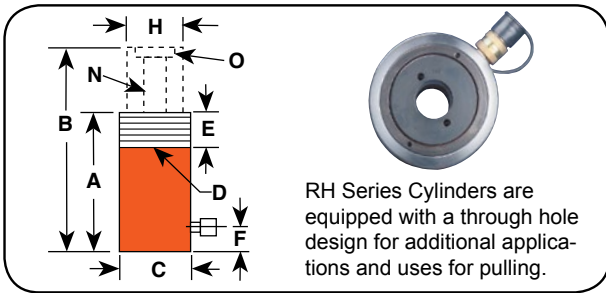


Features

IDEAL FOR CABLE PULLING AND TENSIONING, ANCHOR BOLTS, FORCING SCREWS, ETC.

- Cylinder body, piston and gland nut "Power-Tech" treated for corrosion and abrasion resistance.
- Most models feature threaded collar, excludes the RH203 and RHA306 models.
- All cylinders are furnished with a 9796 3/8" NPT female half coupler, except the RH120.
- Aluminum cylinder body and piston are featured on the RHA306 cylinder.
- Complies with ANSI / ASME B30.1 Safety Standards.

Technical Dimensions



Ordering Information

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A	B	C	D	E	F	H	N	O	Mounting Holes and Bolt Circle (in.)	Cylinder Effective Area (sq. in.)	Int. Press. at Cap. (psi)	Tons at 10,000 (tons)	Prod. Wt. (lbs.)
				Re-tracted Height (in.)	Ex-tended Height (in.)	Outside Dia. (in.)	Collar Thread (in.)	Collar Thread Length (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Center Hole Dia. (in.)	Insert Thread Size (in.)					
10	2.50	RH102	5.52	5.31	7.81	3.00	-	-	1.00	2.06	0.77	1 3/4 - 12	1/4-20 x 2 3/8	2.21	9,054	11.00	9.00
	8.00	RH108	17.68	11.31	19.31	3.00	-	-	1.00	2.06	0.77	1 3/4 - 12	1/4-20 x 2 3/8	2.21	9,054	11.00	18.70
12	0.31	RH120**	0.87	2.19	2.50	2.75	2 3/4 - 16	1.25	0.38	1.38	0.80	3/4 - 16	5/16-18 x 2	2.76	8,692	13.80	3.00
	1.63	RH121	4.49	4.81	6.44	2.75	2 3/4 - 16	1.25	1.00	1.38	0.80	-	-	2.76	8,692	13.80	6.60
	1.63	RH121T*	4.49	4.81	6.44	2.75	2 3/4 - 16	1.25	1.00	1.38	0.81	3/4 - 16	-	2.76	8,692	13.80	6.60
	3.00	RH123	8.29	7.25	10.25	2.75	2 3/4 - 16	0.81	1.00	1.38	0.81	-	-	2.76	8,692	13.80	8.90
20	2.00	RH202	9.45	6.13	8.13	3.88	3 7/8 - 12	1.50	1.00	2.13	1.08	1 9/16 - 16	3/8-16 x 3 1/4	4.72	8,466	23.60	16.10
	3.00	RH203	11.76	6.06	9.06	4.00	-	-	1.00	2.75	1.05	2 1/4 - 12	3/8-16 x 3 1/4	3.92	10,186	19.60	20.00
	6.00	RH206	28.35	12.13	18.13	3.88	3 7/8 - 12	1.50	1.00	2.13	1.08	1 9/16 - 16	3/8-16 x 3 1/4	4.72	8,466	23.60	30.20
30	2.50	RH302	15.85	6.25	8.75	4.75	4 3/4 - 12	1.50	1.16	3.25	1.30	2 3/4 - 12	7/16-20 x 3 5/8	6.34	9,457	31.70	25.60
	5.88	RHA306	38.10	11.16	17.03	5.13	-	-	1.25	3.25	1.28	2 5/8 - 8	-	6.34	9,457	31.70	21.90
	6.00	RH306	38.10	9.75	15.75	4.75	4 3/4 - 12	1.50	1.16	3.25	1.28	2 3/4 - 12	7/16-20 x 3 5/8	6.34	9,457	31.70	39.00
50	3.00	RH503	32.58	7.13	10.13	6.00	6 - 12	2.00	1.25	4.13	1.67	3 1/4 - 12	5/8-18 x 4 3/4	10.86	9,208	54.30	46.60
60	3.00	RH603*	37.00	9.25	12.25	6.25	6 1/4 - 12	2.50	1.00	3.59	2.13	3 - 12	1/2-13 x 5 1/8	12.31	9,750	61.60	60.00
60	6.00	RH606*	73.86	12.25	18.25	6.25	6 1/4 - 12	2.50	1.00	3.59	2.13	3 - 12	1/2-13 x 5 1/8	12.31	9,750	61.60	78.00
100	3.00	RH1003*	61.80	10.00	13.00	8.38	-	-	1.25	5.00	3.13	4 1/8 - 12	-	20.62	9,700	103.10	115.00

* 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.

Optional Piston Head Inserts



For Use With:	Threaded Insert	Order No.
RH102, RH108	3/4"-16	28632
RH203	1"-8	28612
RH302, RH306	1 1/4"-7	38904
RH303	1 1/4"-7	28644
RH503	1 5/8"-5 1/2	38855
RH603, RH605	1 5/8"-5 1/2	34251

Optional Cylinders Lifting Handles



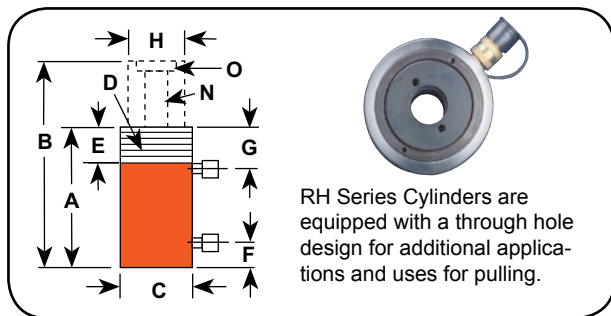
Order Number: 252215

Lifting handle for RH303, RH306, AND RH306D, AND RHA306

Model Shown:
RH605



Technical Dimensions



Ordering Information

Cyl. Cap.	Stroke	Order No.	Oil Cap.		A	B	C	D	E	F	G	H	N	O	Mounting Holes and Bolt Circle	Cylinder Effective Area		Int. Press. at Cap.		Tons at 10,000		Prod. Wt.	
			(cu. in.)	(cu. in.)	Retract-	Ex-	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)		(in.)	(sq. in.)	(sq. in.)	(psi)	(psi)	(tons)		(tons)
					ed Height	tended Height																	
30	15	3.00	RH303	17.60	10.20	7.06	10.06	4.75	-	-	1.00	1.63	2.50	1.28	2 - 12	3/8-16 x 3 5/8	5.89	3.38	10,200	8,876	29.50	16.90	29.80
30	15	6.00	RH306D	35.34	20.28	11.06	17.06	4.75	-	-	1.00	1.63	2.50	1.27	2 - 12	7/16-20 x 3 5/8	5.89	3.38	10,200	8,876	29.50	16.90	45.00
30	20	10.13	RH3010	66.00	41.00	17.25	27.38	4.50	4 1/2 -12	1.63	1.75	3.19	2.38	1.31	1 7/8 - 16	-	6.54	4.04	9,174	9,901	32.70	20.20	61.00
60	25	4.00	RHA604D	49.20	20.60	9.50	13.50	7.00	-	-	1.56	2.25	4.00	2.13	3 - 12	1/2-13 x 5 1/8	12.31	5.15	9,750	9,709	61.50	27.70	35.60
60	25	5.00	RH605*	61.55	25.77	9.50	14.50	6.53	-	-	1.00	1.75	4.00	2.13	3 - 12	1/2-13 x 5 1/8	12.31	5.15	9,750	9,709	61.50	27.70	73.00
60	40	10.13	RH6010*	133.00	87.00	18.06	28.19	6.25	6 1/4 -12	1.88	2.13	3.22	3.63	2.13	3 - 16	-	13.14	8.59	9,132	9,313	65.70	42.90	120.00
100	45	1.50	RH1001	32.10	14.20	6.50	8.00	8.38	-	-	1.25	2.31	5.00	3.14	4 - 16	5/8-11 x 7	21.39	9.43	9,350	9,544	106.90	47.10	85.00
100	50	6.00	RH1006*	120.20	65.60	12.38	18.38	7.25	-	-	1.47	2.33	4.38	2.06	-	1/2-13 x 5 1/2	20.03	10.93	9,986	9,150	100.10	54.70	95.00
100	45	10.13	RH10010*	216.60	95.50	19.50	29.63	8.50	8 1/2 -12	2.25	2.50	3.61	5.50	3.14	4 1/2 - 12	-	21.39	9.43	9,350	9,544	106.90	47.10	240.00
150	70	5.00	RH1505*	150.90	73.60	12.25 †	17.25	8.50	-	-	1.47	2.69	5.50	2.56	-	-	30.10	14.70	9,937	9,524	150.90	73.60	148.00
150	75	8.00	RH1508*	239.60	127.20	13.75	21.75	9.75	-	-	1.55	2.41	6.00	3.16	5 - 12	-	29.95	15.90	10,015	9,434	149.80	79.50	227.00
200	75	8.00	RH2008*	323.60	127.60	16.06	24.06	10.75	-	-	2.25	3.22	7.50	4.06	6 - 12	1 1/4-7 x 7 3/4	40.45	15.95	9,888	9,404	202.30	79.80	311.00

* Supplied with carrying handles.

† Measured with serrated load cap installed.

Aluminum

Features

FOR PULLING AND TENSIONING OF CABLES, ANCHOR BOLTS, AND FORCING SCREWS.

- Plated piston rod resists wear and superior packings provide high cycle life without leakage.
- Built-in safety feature prevents over-pressurization of the retraction circuit.
- Corrosion-resistant standpipe has "Power-Tech" treatment.
- 30, 60, 100 Ton Double-Acting Models Feature Threaded Collar.
- Aluminum cylinder body and piston are featured on the RHA604D cylinder.
- Each cylinder has 9796 3/8" NPTF female half couplers. The 60 ton through 200 ton steel models are equipped with removable carrying handles.

Optional Piston Head Inserts



For Use With:	Threaded Insert	Order No.
RH102, RH108	3/4"-16	28632
RH203	1"-8	28612
RH302, RH306	1 1/4"-7	38904
RH303	1 1/4"-7	28644
RH503	1 5/8"-5 1/2	38855
RH603, RH605	1 5/8"-5 1/2	34251

Optional Cylinders Lifting Handles



Order Number: 4213120R9
Lifting handle for RH303 and RH306D