

CYLINDERS

FROM
2
TO
1220
TONS!

SUPERIOR FEATURES OF POWER TEAM HYDRAULIC CYLINDERS:

We build our own cylinders in our ISO 9001 registered manufacturing facilities. All Power Team cylinders are date coded and stamped with a maximum pressure rating and capacity. Each cylinder we make complies with the demanding ASME B30.1 standard and are assembled/tested by certified assemblers and pressure tested to 125% of capacity before leaving our factories. Some other key features included:

- Cylinder bores are roller burnished to harden and smooth the surface, improving seal life by 30%.
- Base mounting holes withstand full cylinder capacity.
- Typical cylinder burst pressure range is from 25,000 to 35,000 psi, well-beyond extreme usage.
- Cylinders with gland nuts may be “dead-ended” at 10,000 psi.
- Eddy current and mag-particle inspections detect flaws in the steel.
- Material is removed from surface to ensure that any flaws are eliminated.

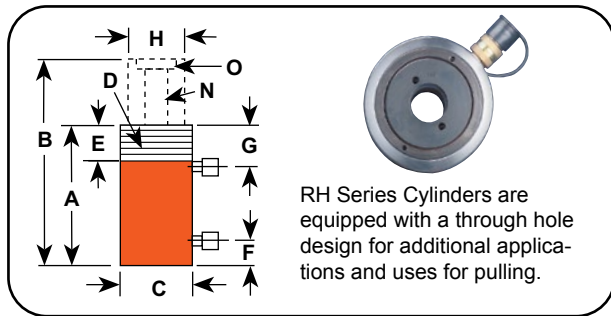


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Model Shown:
RH605



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.
	(tons)	(in.)		(cu. in.)		Retract-ed Height	Ex-tended Height	Outside Dia.	Collar Thread	Collar Thread Length	Base to Port	Cyl. Top to Port	Piston Rod Dia.	Center Hole Dia.	Insert Thread Size		(sq. in.)	(psi)	(tons)		(lbs.)		
	Push	Pull		Push	Pull	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)		(in.)	Push	Pull	Push	Pull	Push	
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