

▼ Shown from left to right: RRH3010, RRH1001, RRH6010



Versatility in Testing, Maintenance and Tensioning Applications



Pump Selection

A double-acting cylinder must be powered by a pump with a 4-way valve.

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Gauges

Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer

to the System Components section for a full range of gauges.

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Saddles

All **RRH-Series** cylinders are equipped with smooth saddles. See table on next page for optional threaded

saddles and all dimensional information.

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- Relief valves prevent damage in case of over-pressurization
- Baked enamel finish for increased corrosion resistance
- Collar threads enable easy fixturing (except RRH1001 and RRH1508)
- Double-acting operation for fast retraction
- Nickel-plated, floating center tube increases product life
- Hollow plunger allows for both pull and push forces
- CR400 couplers and dust caps included on all models
- Plunger wiper reduces contamination, extending cylinder life

▼ Double-acting hollow-plunger cylinders are applied for bridge launching systems.



Cylinder Capacity (ton)	Stroke (in)	Model Number	Max. Cylinder Capacity (ton)		Cylinder Effective Area (in ²)		Oil Capacity (in ³)	
			Advance	Retract	Advance	Retract	Advance	Retract
30	7.00	RRH307	36	24	7.22	4.71	50.55	32.99
	10.13	RRH3010	36	24	7.22	4.71	73.12	47.71
60	3.50	RRH603	64	42	12.73	8.37	44.57	29.21
	6.50	RRH606	64	42	12.73	8.37	82.77	54.24
	10.12	RRH6010	64	42	12.73	8.37	128.94	84.49
100	1.50	RRH1001	103	68	20.63	13.54	30.94	20.32
	3.00	RRH1003	103	68	20.63	13.54	61.88	40.64
	6.00	RRH1006	103	68	20.63	13.54	123.76	81.29
	10.13	RRH10010	103	68	20.63	13.54	208.84	137.17
150	8.00	RRH1508	158	80	31.62	15.91	252.97	127.23

Double-Acting, Hollow Plunger Cylinders



Hoses

Enerpac offers a complete line of high-quality hydraulic hoses. To ensure the integrity of your system, specify only Enerpac hydraulic hoses.

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RRH Series



Capacity:

30 - 150 tons

Stroke:

1.50 - 10.13 inches

Center Hole Diameter:

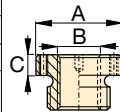
1.31 - 3.13 inches

Maximum Operating Pressure:

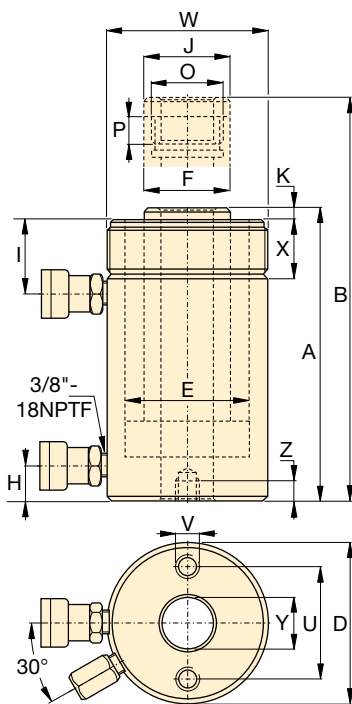
10,000 psi

Optional Threaded Hollow Saddles

Saddle Type	Cylinder Model Number	Saddle Model No.	Saddle Dimensions (in)		
			A	B	C
Threaded Hollow	RRH307, 3010	HP3015	2.49	1¼"-7	0.38
	RRH603, 606, 6010	HP5016	3.61	1⅝"-5½	0.50
	RRH1001, 1003, RRH1006, 10010	HP10016	4.97	2½"-8	0.51



Smooth hollow saddles are standard on all RRH-models.



Base Mounting Hole Dimensions (in)

Model Number	Bolt Circle U	Thread V	Thread Depth Z
RRH307	3.63	⅜"-16	0.62
RRH3010	3.63	⅜"-16	0.62
RRH603	5.12	½"-13	0.55
RRH606	5.12	½"-13	0.55
RRH6010	5.12	½"-13	0.55
RRH1001	7.00	⅝"-11	0.75
RRH1003	7.00	⅝"-11	0.75
RRH1006	7.00	⅝"-11	0.75
RRH10010	7.00	⅝"-11	0.75
RRH1508	—	—	—

Collap. Height	Ext. Height	Out. Diam.	Cyl. Bore Diam.	Plngr. Diam.	Cyl. Base to Adv. Port	Cyl. Top to Return Port	Saddle Diam.	Saddle Protrusion from Plngr.	Thread	Plunger Thread Length	Collar Thread	Collar Thread Length	Center Hole Diam.	Wt.	Model Number
A (in)	B (in)	D (in)	E (in)	F (in)	H (in)	I (in)	J (in)	K (in)	O (in)	P (in)	W (in)	X (in)	Y (in)	(lbs)	
13.00	20.00	4.50	3.50	2.50	1.00	2.38	2.50	0.38	1⅜"-16	0.88	4½"-12	1.66	1.31	48	RRH307
17.00	27.13	4.50	3.50	2.50	1.00	2.38	2.50	0.38	1⅜"-16	0.88	4½"-12	1.66	1.31	60	RRH3010
9.75	13.25	6.25	4.88	3.63	1.25	2.63	3.61	0.50	2¾"-16	0.75	6¼"-12	1.91	2.13	62	RRH603
12.75	19.25	6.25	4.88	3.63	1.25	2.63	3.61	0.50	2¾"-16	0.75	6¼"-12	1.91	2.13	78	RRH606
17.25	27.38	6.25	4.88	3.63	1.25	2.63	3.61	0.50	2¾"-16	0.75	6¼"-12	1.91	2.13	101	RRH6010
6.50	8.00	8.38	6.50	5.00	1.50	1.75	4.97	0.50	4"-16	1.00	—	—	3.13	85	RRH1001
10.00	13.00	8.38	6.50	5.00	1.50	3.38	4.97	0.50	4"-16	1.00	8⅝"-12	2.38	3.13	135	RRH1003
13.50	19.50	8.38	6.50	5.00	1.50	3.38	4.97	0.50	4"-16	1.00	8⅝"-12	2.38	3.13	175	RRH1006
18.13	28.25	8.38	6.50	5.00	1.50	3.38	4.97	0.50	4"-16	1.00	8⅝"-12	2.38	3.13	235	RRH10010
13.75	21.75	9.75	7.50	6.00	1.50	2.38	5.00	0.19	4¼"-12	1.00	—	—	3.13	245	RRH1508