

▼ RACH Aluminum Hollow Plunger Cylinders



Rated Pressure: 70MPa

Rated Tonnage: 20-150ton

Stroke Range: 50-250mm

Center Hole Dia: 27-79mm



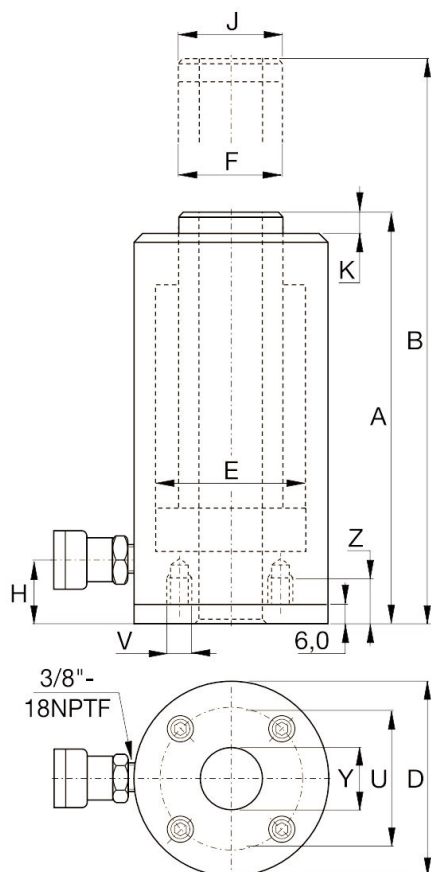
Manual Hydraulic Pump

RIVERLAKE

Lightweight Manual Pump is your ideal choice for matching lightweight accessories.

- Hollow plunger design enables push and pull applications
- Internal threads on the plunger for mounting connections
- Composite support rings prevent metal-to-metal contact, extending the cylinder's service life
- Movable center tube enhances sealability and product longevity
- All cylinder models are equipped with handles
- Steel base plate and hardened saddle prevent damage caused by loading
- Integral stop ring prevents plunger over-extension and withstands the cylinder's maximum lifting force
- High-strength return spring enables rapid cylinder retraction
- All cylinder models are uniformly equipped with threaded, hollow, detachable hardened saddles.
- All cylinder models come with GEJN quick-connect fittings and dust caps

700 bar Cylinder Load Capacity (ton (kN))	Stroke (mm)	Model	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	
20 (229)	50	RACH202	32.7	164	
20 (229)	100	RACH204	32.7	327	
20 (229)	150	RACH206	32.7	491	
20 (229)	200	RACH208	32.7	654	
20 (229)	250	RACH2010	32.7	818	
30 (358)	50	RACH302	51.1	256	
30 (358)	100	RACH304	51.1	511	
30 (358)	150	RACH306	51.1	766	
30 (358)	200	RACH308	51.1	1022	
30 (358)	250	RACH3010	51.1	1277	
60 (596)	50	RACH602	84.7	423	
60 (596)	100	RACH604	84.7	847	
60 (596)	150	RACH606	84.7	1270	
60 (596)	200	RACH608	84.7	1694	
60 (596)	250	RACH6010	84.7	2117	
100 (1157)	50	RACH1002	164.6	823	
100 (1157)	100	RACH1004	164.6	1646	
100 (1157)	150	RACH1006	164.6	2487	
100 (1157)	200	RACH1008	164.6	3291	
100 (1157)	250	RACH10010	164.6	4114	
150 (1588)	50	RACH1502	225.8	1129	
150 (1588)	100	RACH1504	225.8	2258	
150 (1588)	150	RACH1506	225.8	3387	
150 (1588)	200	RACH1508	225.8	4517	
150 (1588)	250	RACH15010	225.8	5646	



Cylinder Model	Bolt Circle U (mm)	Thread V (mm)	Thread Depth Z (mm)
RACH20	80	M6	12
RACH30	110	M6	12
RACH60	160	M6	12
RACH100	220	M10	12
RACH150	245	M10	12

	Body Height A (mm)	Extended Height B (mm)	Outer Diameter D (mm)	Cylinder Bore Diameter E (mm)	Plunger Diameter F (mm)	Distance from Bottom to Oil Inlet H (mm)	Saddle Diameter J (mm)	Saddle Protrusion from Plunger K (mm)	Center Hole Diameter Y (mm)	Weight (kg)	Model
	188	238	100	75	55	29	55	10	27	5.2	RACH202
	251	351	100	75	55	29	55	10	27	6.1	RACH204
	315	465	100	75	55	29	55	10	27	7.1	RACH206
	378	578	100	75	55	29	55	10	27	8	RACH208
	442	692	100	75	55	29	55	10	27	9	RACH2010
	208	258	130	95	70	29	70	10	34	8	RACH302
	267	367	130	95	70	29	70	10	34	9.5	RACH304
	333	483	130	95	70	29	70	10	34	11.2	RACH306
	395	595	130	95	70	29	70	10	34	12.9	RACH308
	458	708	130	95	70	29	70	10	34	14.5	RACH3010
	251	301	180	130	100	61	100	12	54	16.2	RACH602
	315	415	180	130	100	61	100	12	54	19.5	RACH604
	380	530	180	130	100	61	100	12	54	25.6	RACH606
	445	645	180	130	100	61	100	12	54	26	RACH608
	510	760	180	130	100	61	100	12	54	29.6	RACH6010
	258	308	250	185	145	61	145	14	79	33.8	RACH1002
	325	425	250	185	145	61	145	14	79	39.8	RACH1004
	391	541	250	185	145	61	145	14	79	46.2	RACH1006
	459	659	250	185	145	61	145	14	79	52.2	RACH1008
	527	777	250	185	145	61	145	14	79	58.8	RACH10010
	280	330	275	205	150	61	145	14	79	48.9	RACH1502
	360	460	275	205	150	61	145	14	79	55.7	RACH1504
	430	580	275	205	150	61	145	14	79	63	RACH1506
	500	700	275	205	150	61	145	14	79	70.1	RACH1508
	570	820	275	205	150	61	145	14	79	77.2	RACH15010