

Hydraulic Cylinders | 50-300 Ton | HCR Series | Double Acting

Specifications															
Cylinder capacity (tons)	Stroke (in.)	Model Number	Maximum Cylinder Capacity (tons)	Cylinder Effective Area (in. ²)	Oil Capacity (in. ³)	A Collap. Height (in.)	B Ext. Height (in.)	D Outside Diam. (in.)	E Cyl. Bore Diam. (in.)	F Plunger Diam. (in.)	H Base to Advance Port (in.)	I Top to Retract Port (in.)	J Standard Saddle Diam. (in.)	K Saddle Protrusion from Plng (in.)	Weight (lbs.)
50	5.91	HCR-506 ¹	62	12.17	71.89	11.14	17.05	5.12	3.94	2.76	1.50	1.77	1.97	0.12	54
	9.84	HCR-5010	62	12.17	119.82	15.59	25.43	5.12	3.94	2.76	1.50	2.17	1.97	0.12	76
100	5.91	HCR-1006	113	22.19	131.02	11.89	17.80	6.89	5.31	3.74	1.50	2.56	2.95	0.12	105
	11.81	HCR-10012	113	22.19	391.45	18.86	30.67	6.89	5.31	3.74	1.50	3.15	2.95	0.12	161
200	5.91	HCR-2006	223	43.14	259.53	13.03	18.94	9.84	7.48	5.51	1.85	3.11	5.71	0.16	244
300	5.91	HCR-3006	341	67.23	397.02	15.59	21.50	12.01	9.25	7.87	2.28	3.98	6.97	0.16	458

Green shading reflects rental inventory.

Model HCR-506

Base Mounting Hole Dimensions (in.)

Model/ Capacity (ton)	Bolt Circle U	Thread Size V (mm)	Minimum Thread Depth Z	No. of Holes	Angle from Coupler
HCR-50	4.13	M12 x 1,75	.087	2	90°
HCR-100	5.91	M12 x 1,75	0.87	2	90°
HCR-200	8.46	M12 x 1,75	0.87	3	60°
HCR-300	10.24	M16 x 2	0.98	3	60°

Collar Thread (in.)

Model/ Capacity (ton)	Thread Size W	Thread Length X
HCR-50	M130 x 2	1.18
HCR-100	M175 x 3	1.81
HCR-200	M250 x 3	2.48
HCR-300	M305 x 3	2.87

The collar thread length is designed for the full rated cylinder capacity.

