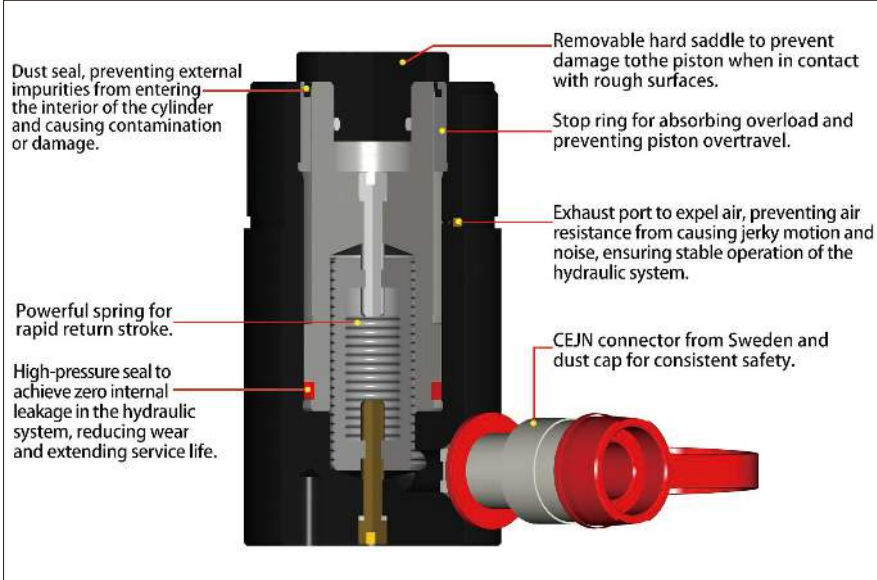


▼ HRC Universal Single-Acting Cylinders



- Reinforced-design stop ring enhances durability and anti-eccentric load capacity
- High-tonnage cylinders are equipped with certified G80 high-strength lifting eyes
- All models are equipped with base mounting holes
- Pre-tensioned spring system enables faster retraction speed
- High-grade polyurethane seals are adopted, featuring excellent sealing performance, wear resistance, and a long service life
- Plunger dust seals can reduce contamination issues and prolong the service life of hydraulic cylinders
- Preset outer ring threads, plunger threads, and base mounting holes simplify connection and installation
- Suitable for all installation positions and orientations
- Equipped with a breather port for smooth extension and fast retraction
- All components adopt NAC surface treatment (adopting gas nitriding and post-oxidation processes), providing superior corrosion resistance and anti-eccentric load performance

▼ HRC Performance Introduction:



Rated Pressure: 70MPa

Rated Tonnage: 5-95ton

Stroke Range: 16-362mm

- Note:
- HRC50 cylinder has a non-removable grooved saddle and no collar thread.
 - RC50: D1 = 41 mm, L = 20 mm, M = 25 mm.
 - RC101 has plunger with two thread holes and non-removable saddle.

Capacity (ton (kN))	Stroke (mm)	Model Number	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	Collapsed Height A (mm)	Extended Height B (mm)		Outside Dia. D (mm)	Bore Dia. E (mm)	Plunger Dia. F (mm)	Base to Adv. Port H (mm)	Saddle Dia. J (mm)	Saddle Prot. from Plgr. K (mm)	Plunger Internal Thread O	Plunger Thread Length P (mm)	Steel Base Plate Mounting Holes			Base Mounting Holes - Thread W	Collar Thread Length X (mm)	Weight (KG)	Model Number
																Bolt Circle U(mm)	Thread V(mm)	Thread Depth Y(mm)				
5 (45)	16	HRC50	6.4	10	41	57		58 ³⁾	28.6	25.4	19	—	—	—	—	29	5.6 mm	—	—	1	HRC50	
	25	HRC51	6.4	16	110	135		38	28.6	25.4	19	25	6	¾" - 16 UN	14	25	¼" - 20 UNC	14	1½" - 16 UN	28	1	HRC51
	79	HRC53	6.4	50	165	244		38	28.6	25.4	19	25	6	¾" - 16 UN	14	25	¼" - 20 UNC	14	1½" - 16 UN	28	1.5	HRC53
	127	HRC55	6.4	83	216	343		38	28.6	25.4	19	25	6	¾" - 16 UN	14	25	¼" - 20 UNC	14	1½" - 16 UN	28	1.9	HRC55
	177	HRC57	6.4	115	273	450		38	28.6	25.4	19	25	6	¾" - 16 UN	16	25	¼" - 20 UNC	14	1½" - 16 UN	28	2.4	HRC57
	232	HRC59	6.4	151	324	556		38	28.6	25.4	19	25	6	¾" - 16 UN	16	25	¼" - 20 UNC	14	1½" - 16 UN	28	2.8	HRC59
10 (101)	26	HRC101	14.4	38	90	116		57	42.8	38.1	19	—	—	#10 - 24 UN	6	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	1.8	HRC101
	54	HRC102	14.4	78	121	175		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	2.3	HRC102
	105	HRC104	14.4	152	171	276		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	3.3	HRC104
	156	HRC106	14.4	226	248	404		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	4.4	HRC106
	203	HRC108	14.4	294	298	501		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	5.4	HRC108
	257	HRC1010	14.4	373	349	606		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	6.4	HRC1010
	304	HRC1012	14.4	441	400	704		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	6.8	HRC1012
	356	HRC1014	14.4	516	451	807		57	42.8	38.1	19	35	6	1" - 8 UN	19	40	⅝ ₁₆ " - 18 UNC	12	2¼" - 14 UN	27	8.2	HRC1014
15 (142)	25	HRC151	20.3	51	124	149		70	50.8	41.3	19	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	3.3	HRC151
	51	HRC152	20.3	104	149	200		70	50.8	41.3	19	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	4.1	HRC152
	101	HRC154	20.3	205	200	301		70	50.8	41.3	19	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	5	HRC154
	152	HRC156	20.3	308	271	423		70	50.8	41.3	25	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	6.8	HRC156
	203	HRC158	20.3	411	322	525		70	50.8	41.3	25	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	8.2	HRC158
	254	HRC1510	20.3	516	373	627		70	50.8	41.3	25	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	9.5	HRC1510
	305	HRC1512	20.3	619	424	729		70	50.8	41.3	25	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	10.9	HRC1512
	356	HRC1514	20.3	723	475	831		70	50.8	41.3	25	38	9	1" - 8 UN	25	48	⅜" - 16 UNC	12	2¾" - 16 UN	30	11.8	HRC1514
25 (232)	26	HRC251	33.3	86	140	166		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	5.9	HRC251
	50	HRC252	33.3	166	165	215		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	6.4	HRC252
	102	HRC254	33.3	339	216	318		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	8.2	HRC254
	158	HRC256	33.3	525	273	431		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	10	HRC256
	210	HRC258	33.3	697	324	534		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	12.2	HRC258
	261	HRC2510	33.3	867	375	636		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	14.1	HRC2510
	311	HRC2512	33.3	1033	425	736		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	16.3	HRC2512
	362	HRC2514	33.3	1202	476	838		86	65.1	57.2	25	51	10	1½" - 16 UN	25	59	½" - 13 UNC	19	3⅝ ₁₆ " - 12 UN	49	17.7	HRC2514
30 (295)	209	HRC308	42.9	880	387	596		102	73	57.2	29	51	10	1½" - 16 UN	25	59	½" - 13 UNC	16	3⅝ ₁₆ " - 12 UN	49	18.1	HRC308
50 (498)	51	HRC502	71.3	362	176	227		127	95.2	79.4	33	71	2	—	—	95	½" - 13 UNC	19	5" - 12 UN	55	15	HRC502
	101	HRC504	71.3	719	227	328		127	95.2	79.4	33	71	2	—	—	95	½" - 13 UNC	19	5" - 12 UN	55	19.1	HRC504
	159	HRC506	71.3	1131	283	442		127	95.2	79.4	35	71	2	—	—	95	½" - 13 UNC	19	5" - 12 UN	55	23.1	HRC506
	260	HRC5010	71.3	1855	384	644		127	95.2	79.4	35	71	2	—	—	95	½" - 13 UNC	19	5" - 12 UN	55	31.8	HRC5010
	337	HRC5013	71.3	2399	460	797		127	95.2	79.4	35	71	2	—	—	95	½" - 13 UNC	19	5" - 12 UN	55	37.6	HRC5013
75 (718)	156	HRC756	102.6	1601	286	442		146	114.3	95.3	30	71	2	—	—	114	⅝" - 13 UNC	16	5¾" - 12 UN	44	29.5	HRC756
	333	HRC7513	102.6	3417	492	825		146	114.3	95.3	30	71	2	—	—	114	⅝" - 13 UNC	16	5¾" - 12 UN	44	59	HRC7513
95 (933)	51	HRC1002	133.1	676	219	270		178	130.2	104.8	41	71	2	—	—	140	¾" - 10 UNC	25	6⅞" - 12 UN	44	36.7	HRC1002
	168	HRC1006	133.1	2239	357	525		178	130.2	104.8	41	71	2	—	—	140	¾" - 10 UNC	25	6⅞" - 12 UN	44	59	HRC1006
	260	HRC10010	133.1	3466	449	709		178	130.2	104.8	41	71	2	—	—	140	¾" - 10 UNC	25	6⅞" - 12 UN	44	72.6	HRC10010

▼ HRC Outline Dimensional

