



Hanbell RC2 Exploded Parts Legend

RC2-170

Item Location	Part #	Description	Specification	Quantity
A-Rotor & Bearing Seat				
A1	3101-1131C	Bearing Seat		1
A2	3132-1232AA-A	Male Screw Rotor		1
A3	3132-1133CB	Female Screw Rotor		1
A4	3103-1023A	Motor Rotor Key		1
A5-1	3101-1134B	Balance Piston		1
A5-2	4102-NU309E	Discharge Radial Bearing (Male)		1
A5-3	4101-7309BUO	Discharge Axial Bearing (Male)		3
A5-4	4302-245	Bearing Lock Nut		1
A5-5	3101-1109B	Discharge Bearing Fixed Ring (Male)		1
A5-6	4307-DB100	Disc Spring		1
A6-1	4102-NU2306E	Discharge Radial Bearing (Female)		1
A6-2	3101-1137B	Inner Spacer (Female)		1
A6-3	3101-113AA	Outer Spacer (Female)		1
A6-4	4101-7306BUO	Discharge Axial Bearing (Female)		3
A6-5	3101-1111B	Discharge Bearing Fixed Ring (Female)		1
A6-6	4302-230	Bearing Lock Nut		1
A6-7	4307-DB071	Disc Spring		1
A7-1	3101-1101AG	Discharge Cover Plate		1
A7-2	3101-1103AE	Discharge Cover Plate Gasket		1
A7-3	4301-110035	Bolt	M10*35L	13
A8-1	4301-112035	Bolt	M12*35L	1
A8-2	4303-312	Spring Washer		1
A8-3	3101-1037B	Copper Washer		1
A8-4	3101-1116D	Piston		1
A8-5	4201-CA336	O-Ring		2
A8-6	4202-T090	Piston-Ring		2
A8-7	5112-GM69	Guide Ring		1
A8-8	4303-420	Copper Washer		1
A8-9	3101-1115AG	Piston Rod		1
A8-10	3102-1113A	Modulation Spring		1
A8-11	NA	NA		NA
A9	3101-1008B	Exhaust Tube Gasket		1
A10	3101-1102B	Position Pin		2
A11	4301-116040	Bolt	M16*40L	8
B-Compression Casing				
B1	3132-1141D	Compression Casing		1
B2-1	3101-1112C	Slide Valve	Vi=2.6	1
	3101-1212C	Slide Valve	Vi=3.5	1
	3101-1412C	Slide Valve	Vi=3.0	1

Item Location	Part #	Description	Specification	Quantity
	3101-1512C	Slide Valve	Vi=2.2	1
B2-2	3101-1114A	Slide Valve Key		1
B2-3	4301-106016	Bolt	M6*16L	1
B3-1	NA	NA	NA	NA
B3-2	NA	NA	NA	NA
B4-1	3101-1152DA-A	Oil Level Switch Flange	Standard	1
B4-2	3101-1148BA	Flange Gasket		2
B4-3	3101-116AC	Damper Shield		1
B4-4	4405-61	Liquid Level Switch		1
B4-5	4201-VP008	O-Ring		1
B4-6	4201-VP021	O-Ring		1
B4-7	3101-1149D	Oil Level Switch Fitting		1
B4-8	4806-27	Cable Connector		1
B4-9	5107-03	PU Hose		1
B4-10	4305-108	Plug		1
B4-11	4301-112080	Bolt	M12*80L	6
B5-1	4304-106	Angle Valve		1
B5-2	4302-303	Bonnet		1
B5-3	4302-301	Nut		1
B6-1	3101-1051C	Oil Heater	220V,150W	1
	3101-1052C	Oil Heater	220V,300W	1
	3101-1051C-1	Oil Heater	110V,150W	1
	3101-1052C-1	Oil Heater	110V,300W	1
B6-2	4806-28	Cable connector		1
B6-3	5108-06	Stainless Steel Tube		1
B7-1	4804-17	Sight Glass		2
B7-2	4201-VA024	O-Ring		2
B8-1	3132-1080BC	Terminal Cover Plate (PTC+PT100/1000)		1
B8-2	4301-112035	Bolt	M12*35L	16
B8-3	3101-1006AD	Motor Cover Plate Gasket		1
B9-1	4401-38	Solenoid Valve-Step, Gasket(NC)	Standard	1
	4401-39	Solenoid Valve-Stepless (NO)	Optional	1
B9-1-1	4401-38	Solenoid Valve-Step, Gasket(NC)		1
B9-1-2	3101-103EC	Orifice	Optional	1
B9-2	4402-14	Solenoid Valve Coil	220V	2
	4402-15	Solenoid Valve Coil	110V	2
B9-3	3101-1003B	Solenoid Valve Gasket		5
B9-4	4301-804012	Bolt	M4*12L	12
B9-4-1	4301-804020	Bolt	M4*20L	4
B9-5	3101-1039C	Cover Plate		2
B10-1	3132-1250BA	Economizer Port Flange		1
B10-2	3132-1252B	Economizer Port Flange Shield		1
B10-3	3132-1151AA	Economizer Port Flange Gasket		1
B10-4	4301-110035	Bolt	M10*35L	2
B11-1	3101-1107C	Oil Guiding Ring (Female)		1
B11-2	4102-NJ2206E	Suction Radial Bearing (Female)		1
B12-1	4303-108-1	Washer	M8	1
B12-2	4303-308	Spring Washer	M8	1
B12-3	4301-108016	Bolt	M8*16L	1
B13-1	3101-1106C	Oil Guiding Ring (Male)		1
B13-2	4102-NU2211E	Suction Radial Bearing (Male)		1
B13-3	3132-1104A	Suction Bearing Inner Spacer		1
B13-4	3132-1105A	Suction Bearing Outer Spacer		1

Item Location	Part #	Description	Specification	Quantity
B13-5	4102-NU2211E	Suction Radial Bearing (Male)		1
B14-1	3101-1108A	Suction Bearing Fixed Ring (Male)		1
B14-2	4301-106016	Bolt	M6*16L	4
B15-1	3181-00331A-SH	Motor Rotor Assembly (Motor A)		1
	3181-00341A-SH	Motor Rotor Assembly (Motor B)		1
B15-2	3130-1032A	Motor Rotor Spacer (Motor A)		1
	3107-1035A	Motor Rotor Spacer (Motor B)		1
B15-3	3101-1017A	Motor Rotor Washer (Motor A)		1
	3132-1017A	Motor Rotor Washer (Motor B)		1
B15-4	4303-316	Spring Washer		1
B15-5	4301-116040	Bolt (Motor A)	M16*40L	1
	4301-116060	Bolt (Motor B)	M16*60L	1
B16-1	3101-1092A	Connector		1
B16-2	4302-306	Bonnet		1
B16-3	3101-1091A	Nut		1
B17-1	4304-102	Connector		1
B17-2	4302-303	Bonnet		1
B17-3	4302-301	Nut		1
B18-1	3101-1168A	Plug		1
B18-2	4201-VA119	O-Ring		1
B19-1	4304-101	Elbow		2
B19-2	3101-1145E	Capillary		1
B20-1	3101-1158CD	Oil Filter Flange		1
B20-2	3101-1147AF	Oil Filter Flange Outer Gasket		1
B20-3	3101-1146A	Oil Filter Flange Inner Gasket		1
B20-4	3101-1143C	Oil Filter		1
B20-5	4301-112035	Bolt	M12*35L	6
B21-1	3101-1153A	Plug		1
B21-2	4201-VP021	O-Ring		1
B22-1	3101-1092A	Connector		1
B22-2	4302-306	Bonnet		1
B22-3	3101-1091A	Nut		1
C-Oil Separator				
C1	3132-1800EA	Oil Separator		1
C2	4301-116050	Bolt	M16*50L	20
C3	3101-1001AE	Oil Separator Gasket		1
C4-1	3188-7100C	Check Valve		1
C4-2	3101-1005AD	Connecting Flange Gasket		2
C4-3	4201-NP065	O-Ring		1
C4-4	3101-1015A	Discharge Flange Shield		1
C4-5	3101-1019A	Flange		1
C4-6	4301-116055	Bolt	M16*55L	4
C4-7	4301-116040	Bolt	M16*40L	4
C5-1	4304-106	Angle Valve		1
C5-2	4302-303	Bonnet		1
C5-3	4302-301	Nut		1
C6	4305-106	Plug		1
D-Motor				
D1	3132-2151CA	Motor Casing (Motor A)		1
	3152-2101CA	Motor Casing (Motor B)		1
D2	3101-1002BA	Motor Casing Gasket		1

Item Location	Part #	Description	Specification	Quantity
D3-1	3181-XX33XA-SH	Motor Stator Assembly (Motor A)		1
	3181-XX34XA-SH	Motor Stator Assembly (Motor B)		1
D3-2	3131-2105AB	Copper Sleeve		1
D4-1	3133-2104AA	Motor Stator Guide Vane		2
D4-2	4301-108025	Bolt	M8*25L	7
D4-3	4303-308	Spring Washer	M8	7
D4-4	3101-2103CA	Plate		2
D5-1	3154-2102B	Motor Stator Fixing Plug		1
D5-2	4201-VP021	O-Ring		1
D6-1	3101-1092A	Connector		1
D6-2	4302-306	Bonnet		1
D6-3	3101-1091A	Nut		1
D7-1	4304-102	Connector		1
D7-2	4302-303	Bonnet		1
D7-3	4302-301	Nut		1
D8	4304-201	Charging Valve		1
D9-1	4304-106	Angle Valve		1
D9-2	4302-303	Bonnet		1
D9-3	4302-301	Nut		1
D10	3101-1004AD	Connecting Flange Gasket		2
D11	3101-1024DC	Suction Filter		1
D12-1	3188-8200A	Stop Valve		1
D12-2	3101-1004AD	Connecting Flange Gasket		1
D12-3	4201-NP100	O-Ring		1
D12-4	3103-101EB	Flange Shield		1
D12-5	3102-1019A	Flange		1
D12-6	4301-116060	Bolt	M16*60L	4
D12-7	4301-116140	Bolt	M16*140L	4
D13	4301-112050	Bolt	M12*50L	20