



Hanbell RC2 Exploded Parts Legend

RC2-510

Item Location	Part #	Description	Specification	Quantity
A-Rotor & Bearing Seat				
A1	3106-1131D	Bearing Seat		1
A2	3156-1132AE	Male Screw Rotor		1
A3	3156-1133AE	Female Screw Rotor		1
A4	3101-1023A	Motor Rotor Key (Motor A)		1
	3155-1023A	Motor Rotor Key (Motor B)		1
A5-1	3105-1134B	Balance Piston		1
A5-2	4102-NU313E	Discharge Radial Bearing (Male)		1
A5-3	4101-7313BUO	Discharge Axial Bearing (Male)		3
A5-4	4302-265	Bearing Lock Nut		1
A5-5	3106-1109B	Discharge Bearing Fixed Ring (Male)		1
A5-6	4307-DB140	Disc Spring		1
A6-1	4102-NU2309E	Discharge Radial Bearing (Female)		1
A6-2	3105-1137B	Inner Spacer (Female)		1
A6-3	3105-113AA	Outer Spacer (Female)		1
A6-4	4101-7309BUO	Discharge Axial Bearing (Female)		3
A6-5	3106-1111B	Discharge Bearing Fixed Ring (Female)		1
A6-6	4302-245	Bearing Lock Nut		1
A6-7	4307-DB100	Disc Spring		1
A7-1	3105-1101BH	Discharge Cover Plate		1
A7-2	3105-1103AE	Discharge Cover Plate Gasket		1
A7-3	4301-112035	Bolt	M12*35L	15
A8-1	4301-112035	Bolt	M12*35L	1
A8-2	4303-312	Spring Washer		1
A8-3	3101-1037B	Washer		1
A8-4	3105-1116D	Piston		1
A8-5	4201-CA345	O-Ring		2
A8-6	4202-T120	Piston Ring		2
A8-7	5112-GM69	Guide Ring		1
A8-8	4303-420	Copper Washer		1
A8-9	3106-1115AG	Piston Rod		1
A8-10	3106-1113B	Modulation Spring (Inner)		1
A8-11	3106-1117A	Modulation Spring (Outer)		1
A9	3107-1008A	Exhaust Tube Gasket		1
A10	3101-1102B	Position Pin		2
A11	4301-120055	Bolt	M20*55L	8
B-Compression Casing				
B1	3156-1141CB	Compression Casing		1
B2-1	3156-1112C	Slide Valve	Vi=2.6	1
	3156-1212C	Slide Valve	Vi=3.5	1
	3156-1412C	Slide Valve	Vi=3.0	1
	3156-1512C	Slide Valve	Vi=2.2	1
B2-2	3105-1114A	Slide Valve Key		1
B2-3	4301-108016	Bolt	M8*16L	1

Item Location	Part #	Description	Specification	Quantity
B3-1	3106-1175A	Supporter for Slide Valve		1
B3-2	4301-110080	Bolt	M10*80L	4
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	Oil 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	4301-112090	Bolt	M12*90L	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	3136-1080BC	Terminal Cover Plate (PTC+PT100/1000)	230A	1
	3139-1080AE	Terminal Cover Plate (PTC+PT100/1000)	400A	1
B8-2	4301-112035	Bolt	M12*35L	16
B8-3	3101-1006AD	Terminal 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	3135-1250BA	Economizer Port Flange		1
B10-2	3135-1252B	Shield for Economizer Port Flange		1
B10-3	3135-1151AA	Gasket for Economizer Port Flange		1
B10-4	4301-112040	Bolt	M12*40L	2
B11-1	3105-1107C	Oil-Guiding Ring (Female)		1
B11-2	4102-NJ2210E	Suction Radial Bearing (Female)		1
B12-1	4303-112	Washer		1
B12-2	4303-312	Spring Washer		1
B12-3	4301-112020	Bolt	M12*20L	1
B13-1	3105-1106C	Oil-Guiding Ring (Male)		1
B13-2	4102-NU2216E	Suction Radial Bearing (Male)		1
B13-3	3156-1104A	Suction Bearing Inner Spacer		1
B13-4	3156-1105A	Suction Bearing Outer Spacer		1
B13-5	4102-NU2216E	Suction Radial Bearing (Male)		1
B14-1	3105-1108A	Suction Bearing Fixed Ring (Male)		1
B14-2	4301-106016	Bolt	M6*16L	6
B15-1	3181-00521A-SH	Motor Rotor Assembly (Motor A)		1
	3181-00551A-SH	Motor Rotor Assembly (Motor B)		1
B15-2	3130-1032A	Motor Rotor Spacer (Motor A)		1

Item Location	Part #	Description	Specification	Quantity
	3143-1033A	Motor Rotor Spacer (Motor B)		1
B15-3	3105-1017A	Motor Rotor Washer(Motor A)		1
	3136-1017A	Motor Rotor Washer(Motor B)		1
B15-4	4303-316	Spring Washer	M16	1
B15-5	4301-116040	Bolt (Motor A)	M16*40L	1
	4301-116100	Bolt (Motor B)	M16*100L	1
B16-1	3101-1092A	Connector		1
B16-2	4302-306	Bonnet		1
B16-3	3101-1091A	Nut		1
B17-1	3142-1094A	Connector		1
B17-2	4302-312	Bonnet		1
B17-3	4302-311	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	3105-1158C	Oil Filter Flange		1
B20-2	3101-1148BA	Oil Filter Flange Outer Gasket		1
B20-3	3105-1146A	Oil Filter Flange Inner Gasket		1
B20-4	3105-1143C	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	3157-1800DA	Oil Separator		1
C2	4301-120060	Bolt	M20*60L	24
C3	3105-1001AE	Oil Separator Gasket		1
C4-1	3188-7300C	Check Valve		1
C4-2	3107-1005AC	Connecting Flange Gasket		2
C4-3	4201-NP110	O-Ring		1
C4-4	3107-1015A	Discharge Flange Shield		1
C4-5	3103-1019B	Flange		1
C4-6	4301-120065	Bolt	M20*65L	4
C4-7	4301-120050	Bolt	M20*50L	4
C5-1	4304-106	Angle Valve		1
C5-2	4302-303	Bonnet		1
C5-3	4302-301	Nut		1
C6	4305-110	Plug		1
D-Motor				
D1	3157-2101CA	Motor Casing		1
D2	3105-1002AD	Gasket		1
D3-1	3181-XX52XA-SH	Motor Stator Assembly (Motor A)		1
	3181-XX54XA-SH	Motor Stator Assembly (Motor B)		1
D3-2	3107-2105BB	Copper Sleeve		1
D4-1	3156-2104AB	Motor Stator Guide Vane		2
D4-2	4301-108025	Bolt	M8*25L	8
D4-3	4303-308	Spring Washer		8
D4-4	3101-2103CA	Plate		2
D5-1	3156-2102A	Motor Stator Fixing Plug		1
D5-2	4201-VA122	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

Item Location	Part #	Description	Specification	Quantity
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	3105-1004AD	Gasket		2
D11	3105-1024DC	Suction Filter		1
D12-1	3188-8400A	Stop Valve		1
D12-2	3105-1004AD	Gasket		1
D12-3	4201-NP135	O-Ring		1
D12-4	3108-1015A	Flange Shield		1
D12-5	3105-1019B	Flange		1
D12-6	4301-120070	Bolt	M20*70L	4
D12-7	4301-120200	Bolt	M20*200L	4
D13	4301-116055	Bolt	M16*55L	20