



Hanbell RC2 Exploded Parts Legend

RC2-830

Item Location	Part #	Description	Specification	Quantity
A-Rotor & Bearing Seat				
A1	3120-1131D	Bearing Seat		1
A2	3141-1232A	Male Screw Rotor		1
A3	3120-1133A	Female Screw Rotor		1
A4	3141-1023A	Motor Rotor Key (Motor A)		1
	3140-1023A	Motor Rotor Key (Motor B)		1
A5	3181-00631A-SH	Motor Rotor Assembly (Motor A)		1
	3181-00661A-SH	Motor Rotor Assembly (Motor B)		1
A5-1	3130-1032A	Motor Rotor Spacer (Motor A)		1
	3101-103CB	Motor Rotor Spacer (Motor B)		1
	3107-1034A	Motor Rotor Spacer (Motor B)		1
A5-2	3105-1017A	Motor Rotor Washer (Motor A)		1
	3139-1017A	Motor Rotor Washer (Motor B)		1
A5-3	4303-316	Spring Washer		1
A5-4	4301-116040	Bolt (Motor A)	M16*40L	1
	4301-116090	Bolt (Motor B)	M16*90L	1
A6-1	3107-1136A	Balance Piston (Male)		1
A6-2	4102-NU312E	Discharge Radial Bearing (Male)		1
A6-3	4101-7312 BUO	Discharge Axial Bearing (Male)		3
A6-4	4302-260	Bearing Lock Nut		1
A6-5	3108-1109A	Discharge Bearing Fixed Ring (Male)		1
A6-6	4307-DB112	Disc Spring		1
A7-1	3107-1139A	Balance Piston (Female)		1
A7-2	4102-NU2311E	Discharge Radial Bearing (Female)		1
A7-3	4101-7311 BUO	Discharge Axial Bearing (Female)		3
A7-4	4302-255	Bearing Lock Nut		1
A7-5	3108-1111A	Discharge Bearing Fixed Ring (Female)		1
A7-6	4307-DB100	Disc Spring		1
A8-1	3120-1101A	Discharge Cover Plate		1
A8-2	3107-1103AC	Discharge Cover Plate Gasket		1
A8-3	4301-112035	Bolt	M12*35L	15
A9-1	3105-1116D	Piston		1
A9-2	4201-CA345	O-Ring		2
A9-3	4202-T120	Piston Ring		2
A9-4	5112-GM69	Guide Ring		1
A9-5	4303-420	Copper Washer		1
A9-6	3108-1115AG	Piston Rod		1
A9-7	3108-1113A	Modulation Spring (Inner)		1
A9-8	3108-1117A	Modulation Spring (Outer)		1
A9-9	3101-1037B	Washer		1
A9-10	4303-312	Spring Washer	M12	1
A9-11	4301-112035	Bolt	M12*35L	1
A10	4301-120055	Bolt	M20*55L	8
A11	3107-1008A	Exhaust Tube Gasket		1

Item Location	Part #	Description	Specification	Quantity
A12	3101-1102B	Position Pin		2
B-Compression Casing				
B1	3120-1141DB	Compression Casing		1
B2-1	3107-1106C	Oil-Guiding Ring (Male)		1
B2-2	4102-NU2217E	Suction Radial Bearing (Male)		1
B2-3	3120-1104A	Suction Bearing Inner Spacer		1
B2-4	3120-1105A	Suction Bearing Outer Spacer		1
B2-5	4102-NU2217E	Suction Radial Bearing (Male)		1
B2-6	3107-1108A	Suction Bearing Fixed Ring (Male)		1
B2-7	4301-106016	Bolt	M6*16L	6
B3-1	3107-1107C	Oil-Guiding Ring (Female)		1
B3-2	4102-NJ2308E	Suction Radial Bearing (Female)		1
B4-1	4303-112	Washer	M12	1
B4-2	4303-312	Spring Washer	M12	1
B4-3	4301-112020	Bolt	M12*20L	1
B5-1	3107-1158C	Oil Filter Flange		1
B5-2	3107-1148AA	Gasket		1
B5-3	3107-1143D	Oil Filter		1
B5-4	3107-1146A	Oil Filter Flange Inner Gasket		1
B5-5	4301-112040	Bolt	M12*40L	8
B6-1	3107-1092A	Connector		1
B6-2	4302-309	Bonnet		1
B6-3	3107-1091A	Nut		1
B7-1	3107-1153B	Plug		1
B7-2	4201-VA122	O-Ring		1
B8-1	4804-17	Sight Glass		1
B8-2	4201-VA024	O-Ring		1
B9-1	4304-114	Connector		1
B9-2	4302-312	Bonnet		1
B9-3	4302-311	Nut		1
B10-1	3108-1145E	Capillary		1
B10-2	4304-101	Connector		2
B11-1	3138-1250BA	Economizer Port Flange		1
B11-2	3138-1252B	Shield for Economizer Port Flange		1
B11-3	3138-1151AA	Gasket for Economizer Port Flange		1
B11-4	4301-112040	Bolt	M12*40L	2
B12-1	3107-1092A	Connector		1
B12-2	4302-309	Bonnet		1
B12-3	3107-1091A	Nut		1
B13-1	4402-14	Solenoid Valve Coil	220V	2
	4402-15	Solenoid Valve Coil	110V	2
B13-2	4401-38	Solenoid Valve -Step, Gasket (NC)	Standard	1
	4401-39	Solenoid Valve-Stepless(NO)	Optional	1
B13-2-1	4401-38	Solenoid Valve -Step, Gasket (NC)		1
B13-2-2	3101-103EC	Orifice		1
B13-3	4301-804012	Bolt	M4*12L	12
B13-3-1	4301-804020	Bolt	M4*20L	4
B13-4	3101-1003B	Solenoid Valve Gasket		5
B13-5	3101-1039C	Cover Plate		2
B14-1	3106-1175A	Supporter for Slide Valve		1
B14-2	4301-110080	Bolt	M10*80L	4
B15-1	3120-1112E	Slide Valve	Vi 2.6	1
	3120-1212D	Slide Valve	Vi 3.5	1
	3120-1412E	Slide Valve	Vi 3.0	1
	3120-1512E	Slide Valve	Vi 2.2	1
B15-2	3107-1114A	Slide Valve Key		1
B15-3	4301-108016	Bolt	M8*16L	1

Item Location	Part #	Description	Specification	Quantity
B16-1	3136-1080BC	Terminal Cover Plate (PTC+PT100/1000)	230A	1
	3139-1080AE	Terminal Cover Plate (PTC+PT100/1000)	400A	1
B16-2	3101-1006AD	Terminal Cover Plate Gasket		1
B16-3	4301-112035	Bolt	M12*35L	1
B17-1	3107-1142DA-A	Oil Level Switch Flange	Standard	1
B17-2	3107-1148AA	Gasket		1
B17-3	3107-116AB	Damper Shield		1
B17-4	3107-1148AA	Gasket		1
B17-5	4405-61	Oil Level Switch		1
B17-6	4201-VP008	O-Ring		1
B17-7	4201-VP021	O-Ring		1
B17-8	3107-1149B	Oil Level Switch Fitting		1
B17-9	4806-27	Cable Connector		1
B17-10	5107-03	PU Hose		1
B17-11	4301-112090	Bolt	M12*90L	8
B17-12	4305-108	Plug		1
B18-1	4304-106	Angle valve		1
B18-2	4302-303	Bonnet		1
B18-3	4302-301	Nut		1
B19-1	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
B19-2	4806-28	Cable Connector		1
B19-3	5108-06	Stainless Steel Tube		1
C-Oil Separator				
C1	3140-1800EA	Oil Separator		1
C2	3105-1001AE	Oil Separator Gasket		1
C3	4301-120060	Bolt	M20*60L	24
C4-1	3188-7400C	Check Valve		1
C4-2	3105-1004AD	Gasket		2
C4-3	4201-NP135	O-Ring		1
C4-4	3108-1015A	Discharge Flange Shield		1
C4-5	3105-1019B	Flange		1
C4-6	4301-120070	Bolt	M20*70L	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
C7	4405-97	Discharge Temperature Sensor		1
D-Motor				
D1	3139-2151DB	Motor Casing (Motor A)		1
	3140-2151DA	Motor Casing (Motor B)		1
D2	4301-116055	Bolt	M16*55L	24
D3	3107-1002AC	Motor Casing Gasket		1
D4	3181-XX63XA-SH	Motor Stator Assembly (Motor A)		1
	3181-XX66XA-SH	Motor Stator Assembly (Motor B)		1
D4-1	3107-2105BB	Copper Sleeve		1
D5-1	3139-2102A	Motor Stator Fixing Plug		1
D5-2	4201-VA122	O-Ring		1
D6-1	3188-8500A	Stop Valve		1
D6-2	3107-1004AC	Gasket		1
D6-3	3107-1016A	Flange Shield		1
D6-4	3107-1018A	Suction Flange		1
D6-5	4301-116060	Bolt	M16*60L	8

Item Location	Part #	Description	Specification	Quantity
D6-6	3107-1004AC	Gasket		1
D6-7	4301-116050	Bolt	M16*50L	8
D7-1	3101-1092A	Connector		1
D7-2	4302-306	Bonnet		1
D7-3	3101-1091A	Nut		1
D8-1	4304-102	Connector		1
D8-2	4302-303	Bonnet		1
D8-3	4302-301	Nut		1
D9	4304-201	Charging Valve		1
D10-1	4304-106	Angle valve		1
D10-2	4302-303	Bonnet		1
D10-3	4302-301	Nut		1
D11-1	3161-1024AC	Suction Filter		1
D11-2	4201-VA361	O-Ring		2
D12-1	3107-1018A	Suction Filter Flange		1
D12-2	3107-1004AC	Gasket		1
D12-3	4301-116040	Bolt	M16*40L	8