



Hanbell RC2 Exploded Parts Legend

RC2-140

Item Location	Part #	Description	Specification	Quantity
A-Rotor & Bearing Seat				
A1	3131-1131B	Bearing Seat		1
A2	3131-1132A	Male Screw Rotor		1
A3	3131-1133A	Female Screw Rotor		1
A4	3131-1023A	Motor Rotor Key		1
A5-1	3181-00321A-SH	Motor Rotor Assembly (Motor A)		1
	3181-00331A-SH	Motor Rotor Assembly (Motor B)		1
A5-2	3130-1032A	Motor Rotor Spacer (Motor A)		1
	3101-103CA	Motor Rotor Spacer (Motor B)		1
A5-3	3101-1017A	Motor Rotor Washer		1
A5-4	4303-316	Spring Washer	M16	1
A5-5	4301-116040	Bolt (Motor A)	M16*40L	1
	4301-116050	Bolt (Motor B)	M16*50L	1
A6-1	4102-NU307E	Discharge Radial Bearing (Male)		1
A6-2	3103-113AA	Outer Spacer (Male)		1
A6-3	3103-1137B	Inner Spacer (Male)		1
A6-4	4101-7307BUO	Discharge Axial Bearing (Male)		3
A6-5	4302-235	Bearing Lock Nut		1
A6-6	3131-1109A	Discharge Bearing Fixed Ring (Male)		1
A6-7	4307-DB080	Disc Spring		1
A7-1	4102-NU2306E	Discharge Radial Bearing (Female)		1
A7-2	3101-113AA	Outer Spacer (Female)		1
A7-3	3101-1137B	Inner Spacer (Female)		1
A7-4	4101-7306BUO	Discharge Axial Bearing (Female)		2
A7-5	4302-230	Bearing Lock Nut		1
A7-6	3131-1111A	Discharge Bearing Fixed Ring (Female)		1
A7-7	4307-DB071	Disc Spring		1
A8-1	3131-1101AD	Discharge Cover Plate		1
A8-2	3131-1103AB	Discharge Cover Plate Gasket		1
A8-3	4301-108025	Bolt	M8*25L	11
A9-1	4301-110025	Bolt	M10*25L	1
A9-2	4303-310	Spring Washer	M10	1
A9-3	3131-1037A	Washer		1
A9-4	4202-T065	Piston Ring		1
A9-5	4201-CA328	O-Ring		1
A9-6	5112-GM69	Guide Ring		1
A9-7	3131-1116A	Piston		1
A9-8	4303-414	Copper Washer		1
A9-9	3131-1115AC	Piston Rod		1
A9-10	3131-1113A	Modulation Spring		1
A10	3131-1008A	Exhaust Tube Gasket		1
A11	3502-1102A	Position Pin		2
A12	4301-112040	Bolt	M12*40L	8
A1	3131-1131B	Bearing Seat		1

Item Location	Part #	Description	Specification	Quantity
B-Compression Casing				
B1	3131-1141GA	Compression Casing		1
B2	3131-1002AB	Motor Casing Gasket		1
B3-1	3131-1152BA-A	Oil Level Switch Flange	Standard	1
B3-2	3131-1147BA	Gasket		2
B3-3	3131-116AC	Damper Shield		1
B3-4	4405-61	Oil Level Switch		1
B3-5	4201-VP008	O-Ring		1
B3-6	4201-VP021	O-Ring		1
B3-7	3131-1149A	Oil Level Switch Fitting		1
B3-8	4806-27	Cable Connector		1
B3-9	4301-112080	Bolt	M12*80L	4
B4-1	4304-106	Angle Valve		1
B4-2	4302-303	Bonnet		1
B4-3	4302-301	Nut		1
B5-1	3131-2102A	Motor Stator Fixed Pin		1
B5-2	4201-VP021	O-Ring		1
B6-1	4304-102	Connector		1
B6-2	4302-303	Bonnet		1
B6-3	4302-301	Nut		1
B7-1	3131-1080CC	Terminal Cover Plate (PTC+PT100/1000)		1
B7-2	3131-1006BA	Terminal Cover Plate Gasket		1
B7-3	4301-112040	Bolt	M12*40L	6
B7-4	3131-1014C	Terminal Box Gasket		1
B8-1	3131-1012CC	Terminal Box		1
B8-2	3131-1013A	Terminal Box Cover		4
B8-3	4806-33	Terminal Box Hole Stopper		4
B8-4	3101-1007A	Terminal Box Flange Gasket		1
B8-5	3101-1021B	Terminal Box Flange		1
B8-6	4301-508016	Bolt	M8*16L	4
B8-7	4301-508016	Bolt	M8*16L	4
B9	4301-908012	Bolt	M8*12L	3
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	4401-38	Solenoid Valve (NC)	Standard	1
	4401-39	Solenoid Valve (NO)	Optional	1
B11-1-1	4401-38	Solenoid Valve (NC)		2
B11-1-2	3101-103EC	Orifice	Optional	1
B11-2	4402-14	Solenoid Valve Coil	220V	2
	4402-15	Solenoid Valve Coil	110V	2
B11-3	3101-1003B	Solenoid Valve Gasket		4
B11-4	4301-804012	Bolt	M4*12L	8
B11-4-1	4301-804020	Bolt	M4*20L	4
B11-5	3101-1039C	Cover Plate		1
B12-1	4405-81	Motor Protector INT 69 HBY		1
B12-2	4301-804025	Bolt	M4*25L	2
B12-3	4303-104	Washer		2
B12-4	4303-304	Spring Washer		2
B12-5	4302-104	Nut		2
B13-1	4301-108016	Bolt	M8*16L	1
B13-2	4303-308	Spring Washer		1
B13-3	4303-108	Washer		1
B14	4103-NKI55/35	Suction Radial Bearing (Male)		1
B15	4103-NKI30/30	Suction Radial Bearing (Female)		1
B16-1	3131-1108A	Suction Bearing Fixed Ring (Male)		1

Item Location	Part #	Description	Specification	Quantity
B16-2	4301-106016	Bolt	M6*16L	4
B17-1	3181-XX32XA-SH	Motor Stator Assembly (Motor A)		1
	3181-XX33XA-SH	Motor Stator Assembly (Motor B)		1
B17-2	3131-2105AB	Copper Sleeve		1
B18-1	3131-1169A	Oil Cooler Connector Cover		1
B18-2	3131-1167AA	Oil Cooler Connector Cover Gasket		1
B18-3	4301-110030	Bolt	M10*30L	6
B19-1	3131-1142A	Service Flange		1
B19-2	3131-1147BA	Oil Filter Flange Outer Gasket		1
B19-3	3131-1144A	Oil Filter Flange		1
B19-4	3101-1146A	Oil Filter Flange Inner Gasket		1
B19-5	3101-1143C	Oil Filter		1
B19-6	4301-112035	Bolt	M12*35L	4
B20-1	3101-1145E	Capillary		1
B20-2	4304-101	Elbow		2
B20-3	3131-1168A	Plug		1
B21-1	3131-1153A	Plug		1
B21-2	4201-VA016	O-Ring		1
B22-1	3131-1112CB	Slide Valve	Vi=2.6	1
	3131-1212BB	Slide Valve	Vi=3.5	1
	3131-1412CB	Slide Valve	Vi=3.0	1
	3131-1512CB	Slide Valve	Vi=2.2	1
B22-2	3101-1114A	Slide Valve Key		1
B22-3	4301-106016	Bolt	M6*16L	1
C-Oil Separator				
C1	3131-1800FA	Oil Separator Assembly		1
C2	3131-1001AA	Oil Separator Gasket		1
C3-1	4804-17	Sight Glass		1
C3-2	4201-VA024	O-Ring		1
C4	4305-107	Plug		1
C5-1	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
C5-2	4806-28	Cable Connector		1
C5-3	5108-06	Stainless Steel Tube		1
C6	4305-105	Plug		1
C7	4405-97	Discharge Temperature Sensor		1
C8	4305-105	Plug		1
C9-1	4304-106	Angle Valve		1
C9-2	4302-303	Bonnet		1
C9-3	4302-301	Nut		1
C10-1	3188-7100C	Check Valve		1
C10-2	3101-1005AD	Discharge Flange Gasket		2
C10-3	4201-NP065	O-Ring		1
C10-4	3101-1015A	Flange Shield		1
C10-5	3101-1019B	Discharge Flange		1
C10-6	4301-116055	Bolt	M16*55L	4
C10-7	4301-116040	Bolt	M16*40L	4
C11	4301-112045	Bolt	M12*45L	20
C1	3131-1800FA	Oil Separator Assembly		1
C2	3131-1001AA	Oil Separator Gasket		1
C3-1	4804-17	Sight Glass		1
C3-2	4201-VA024	O-Ring		1
C4	4305-107	Plug		1
C5-1	3101-1051C	Oil Heater	220V,150W	1
	3101-1052C	Oil Heater	220V,300W	1

Item Location	Part #	Description	Specification	Quantity
	3101-1051C-1	Oil Heater	110V,150W	1
	3101-1052C-1	Oil Heater	110V,300W	1
C5-2	4806-28	Cable Connector		1
D-Motor				
D1	3131-2201B	Motor Cover		1
D2-1	4304-114	Connector		1
D2-2	4302-312	Bonnet		1
D2-3	4302-311	Nut		1
D3	4304-201	Charging Valve		1
D4-1	4304-106	Angle Valve		1
D4-2	4302-303	Bonnet		1
D4-3	4302-301	Nut		1
D5-1	3131-1024BC	Suction Filter		1
D5-2	3131-1004AA	Gasket		2
D6-1	3188-8700A	Suction Stop Valve		1
D6-2	3131-1004AA	Gasket		1
D6-3	4201-NP080	O-Ring		1
D6-4	3134-1015A	Flange Shield		1
D6-5	3131-1019A	Suction Flange		1
D6-6	4301-116055	Bolt	M16*55L	4
D6-7	4301-116120	Bolt	M16*120L	4
D7	4301-112045	Bolt	M12*45L	16
D1	3131-2201B	Motor Cover		1
D2-1	4304-114	Connector		1
D2-2	4302-312	Bonnet		1
D2-3	4302-311	Nut		1
D3	4304-201	Charging Valve		1
D4-1	4304-106	Angle Valve		1
D4-2	4302-303	Bonnet		1