



# Hanbell RC2 Exploded Parts Legend

## RC2-310

Item Location	Part #	Description	Specification	Quantity
<b>A-Rotor &amp; Bearing Seat</b>				
A1	3104-1131E	Bearing Seat		1
A2	3154-1132B	Male Screw Rotor		1
A3	3154-1133A	Female Screw Rotor		1
A4	3103-1023A	Motor Rotor Key		1
A5-1	3103-1134B	Balance Piston		1
A5-2	4102-NU311E	Discharge Radial Bearing (Male)		1
A5-3	4101-7311BUO	Discharge Axial Bearing (Male)		3
A5-4	4302-255	Bearing Lock Nut		1
A5-5	3104-1109B	Discharge Bearing Fixed Ring (Male)		1
A5-6	4307-DB112	Disc Spring		1
A6-1	4102-NU2307E	Discharge Radial Bearing (Female)		1
A6-2	3103-1137B	Inner Spacer (Female)		1
A6-3	3103-113AA	Outer Spacer (Female)		1
A6-4	4101-7307BUO	Discharge Axial Bearing (Female)		3
A6-5	3104-1111B	Discharge Bearing Fixed Ring (Female)		1
A6-6	4302-235	Bearing Lock Nut		1
A6-7	4307-DB080	Disc Spring		1
A7-1	3103-1101AG	Discharge Cover Plate		1
A7-2	3103-1103AE	Discharge Cover Plate Gasket		1
A7-3	4301-112035	Bolt	M12*35L	13
A8-1	4301-112035	Bolt	M12*35L	1
A8-2	4303-312	Spring Washer	M12	1
A8-3	3101-1037B	Washer		1
A8-4	3103-1116D	Piston		1
A8-5	4201-CA339	O-Ring		2
A8-6	4202-T100	Piston Ring		2
A8-7	5112-GM69	Guide Ring		1
A8-8	4303-420	Copper Washer		1
A8-9	3104-1115AG	Piston Rod		1
A8-10	3104-1113A	Modulation Spring		1
A8-11	NA	NA	NA	1
A9	3103-1008B	Exhaust Tube Gasket		1
A10	3101-1102B	Position Pin		2
A11	4301-116045	Bolt	M16*45L	8
<b>B-Compression Casing</b>				
B1	3154-1141CC	Compression Casing		1
B2-1	3154-1112D	Slide Valve	Vi=2.6	1
	3154-1212D	Slide Valve	Vi=3.5	1
	3154-1412D	Slide Valve	Vi=3.0	1

Item Location	Part #	Description	Specification	Quantity
	3154-1512D	Slide Valve	Vi=2.2	1
B2-2	3101-1114A	Slide Valve Key		1
B2-3	4301-106016	Bolt	M6*16L	1
B3-1	3104-1175A	Supporter for Slide Valve		1
B3-2	4301-110065	Bolt	M10*65L	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	4301-112080	Bolt	M12*&L	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	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	3103-1107C	Oil-Guiding Ring (Female)		1
B11-2	4102-NJ2207E	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	3103-1106C	Oil-Guiding Ring (Male)		1
B13-2	4102-NU2213E	Suction Radial Bearing (Male)		1
B13-3	3195-1104B	Suction Bearing Inner Spacer		1
B13-4	3195-1105B	Suction Bearing Outer Spacer		1

Item Location	Part #	Description	Specification	Quantity
B13-5	4102-NU2213E	Suction Radial Bearing (Male)		1
B14-1	3103-1108A	Suction Bearing Fixed Ring (Male)		1
B14-2	4301-106016	Bolt	M6*16L	6
B15-1	3181-00421A	Motor Rotor Assembly (Motor A)		1
	3181-00441A	Motor Rotor Assembly (Motor B)		1
B15-2	3130-1032A	Motor Rotor Spacer (Motor A)		1
	3101-1035B	Motor Rotor Spacer (Motor B)		1
B15-3	3103-1017A	Motor Rotor Washer (Motor A)		1
	3134-1017A	Motor Rotor Washer (Motor B)		1
B15-4	4303-316	Spring Washer	M16	1
B15-5	4301-116040	Bolt (Motor A)	M16*40L	1
	4301-116070	Bolt (Motor B)	M16*70L	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
<b>C-Oil Separator</b>				
C1	3135-1800EA	Oil Separator		1
C2	4301-120055	Bolt	M20*55L	20
C3	3103-1001AE	Oil Separator Gasket		1
C4-1	3188-7600C	Check Valve		1
C4-2	3131-1004AA	Connecting Flange Gasket		2
C4-3	4201-NP80	O-Ring		1
C4-4	3134-1015A	Discharge Flange Shield		1
C4-5	3131-1019A	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	4305-110	Plug		1
<b>D-Motor</b>				
D1	3154-2101CA	Motor Casing		1
D2	3103-1002AD	Motor Casing Gasket		1
D3-1	3181-XX42XA	Motor Stator Assembly (Motor A)		1

Item Location	Part #	Description	Specification	Quantity
	3181-XX44XA	Motor Stator Assembly (Motor B)		1
D3-2	3131-2105AB	Copper Sleeve		1
D4-1	3154-2104BB	Motor Stator Guide Vane		1
D4-2	4301-108025	Bolt	M8*25L	7
D4-3	4303-308	Spring Washer		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	3103-1004AD	Gasket		2
D11	3103-1024DB	Suction Filter		1
D12-1	3188-8300A	Stop Valve		1
D12-2	3103-1004AD	Gasket		1
D12-3	4201-NP110	O-Ring		1
D12-4	3107-1015A	Flange Shield		1
D12-5	3103-1019B	Flange		1
D12-6	4301-120065	Bolt	M20*65L	4
D12-7	4301-120180	Bolt	M20*180L	4
D13	4301-116055	Bolt	M16*55L	20