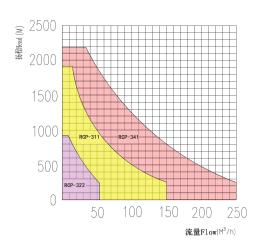


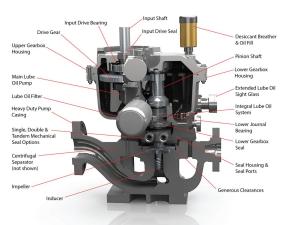
# RCP-V2 SERIES Vertical High-Speed Centrifugal Pump

- Single-stage speedup, Single sunction, Vertical
- Use Open straight blade centrifugal impeller
- Supporting: Slide bearing + thrust bearing(integral copper alloy bearing)
- Lubrication:Built-in oil pump + auxiliary gear oil pump



Pump Type	RCB-V2
Max. Flow (m³/h)	52
Max. Head (m)	915
Max. Suction Pressure(MPa)	4.0
Max. Working Pressure (MPa)	10.0
Max. Motor Power(kW)	37
Temperature Range (°C)	-130~+340
Speed Range (rpm)	4900^14179
Gearbox type	Single Stage









#### Input Shaft Assembly:

Balancing standard service reduces vibration and noise while improving reliability and operating life. ISO 1940 Grade 1.0

#### O-Rings Standard in Gearbox Split Line:

Eliminates leakage and reduces clean-up and contamination to atmosphere. Improves durability for shipping, storage, and assembly.

#### Oil Mechanical Seal:

Eliminates leakage and reduces clean-up and contamination to atmosphere. Improves durability for shipping, storage, and assembly.

#### Lube Oil Pump:

Improved design eliminates oil pressure fluctuations. prevents oil.

#### Mechanical Seal:

Single, Double, & Tandem Mechanical Seal Arrangements can be optional.

#### **Pump Volute:**

The hydraulic optimization design can effectively improve the hydraulic efficiency of the pump.

#### **Tapered Alignment Pins:**

Maintains true position and integrity of the bearing bores. Alignment is maintained even after multiple rebuilds.

#### **Upper Radial Journal Bearing:**

To ensure the smooth operation of the pump.

#### **Tapered Thrust Washer:**

Handles higher thrust capacity and is dimensionally interchangeable.

#### **Output Shaft Assembly:**

Balancing standard service reduces vibration and noise while improving reliability and operating life. ISO 1940 Grade 1.0. Designed for minimum bearing span to overhang ratio.

#### Lower Radial Journal Bearing:

To ensure the smooth operation of the pump.

#### Impeller:

With the impeller combina-tion, can effectively improve the hydraulic efficiency of the pump, reducing pump vibration and noise.

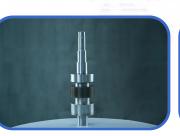
#### Inducer:

Produced by machining centre, which can better improve the NPSHr



## **Partial Parts Display**







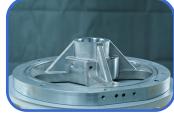






















































### **Zhejiang Ruichen Pump Technology Co.,Ltd**

**OFFICE Address**: Rm.203-5, Building 30, Hangzhou Bay New Economic Park, Jiaxing Port District, Jiaxing City, Zhejiang Province, China.

FACTROY Address: Bulding No.5, Binhai Pioneer Park, Jiaxing Port District, Jiaxing City, Zhejiang Province, China.

Website: www.hdsrm.com

Tel: 86-573-85531362 Fax: 86-573-85531062

Mobile/Wechat: 86-15105872388

Email: ruichenpump@126.com

