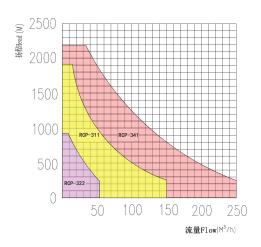


RCP-V1 SERIES Vertical High-Speed Centrifugal Pump

- Dual-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	RCP-V1 150		
Max. Flow (m³/h)			
Max. Head (m)	1920		
Max. Suction Pressure(MPa)	6.8		
Max. Working Pressure (MPa)	20.0		
Max. Motor Power(kW)	132		
Temperature Range (°C)	-130~+340		
Speed Range (rpm)	4950-23700		
Gearbox type	Two Stages		



Input Shaft		
Input Drive Bearing Input Drive S	eal	
Drive Gear		Desiccant Breather
Upper Gearbox Housing		& Oil Fill
Main Lube		
Oil Pump		
Bearing		Idler Shaft
Plate		Integral Lube Oil
Upper Journal		System
Bearing		
Lube Oil Tube	1	Lube Oil Filter
Pinion Shaft —		Lube Oil Filter
Lower Journal		Lower Gearbox
Bearing		Housing
Seal Housing &	J	Single, Double &
		Tandem Mechanical Seal Options
Lower Gearbox Seal		Diffuser Cover
Centrifugal Oil	_	Diffuser
Separator		
Impeller		Heavy Duty Pump Casing
Inducer	rous Clea	-
Gene	rous clea	irances





Input Shaft Assembly:

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

Tapered Alignment Pins:

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

Lube Oil Pump:

Improved design eliminates oil pressure fluctuations.
prevents oil.

Radial Journal Bearing:

To ensure the smooth operation

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.

O-Rings Standard in Gearbox Split Line:

Eliminates leakage and reduces clean-up and contamination to atmosphere

Idler Shaft Assembly:

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

Oil Mechanical Seal:

Eliminates leakage and reduces clean-up and contamination to atmosphere

Impeller:

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

Inducer:

Produced by machining center, which can better improve the

Diffuser:

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

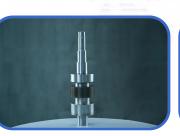
Extended Oil Sight Glass:

Greatly improves el level reading accuracy at all temperatures and speeds. Helps to prevent overfilling.



Partial Parts Display







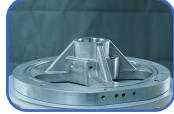






















































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