



High Efficiency Roots Blower Vacuum Pump For Continuous Duty Operation

Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: RR
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Export Standard Packaging
- Payment Terms: T/T, L/C



Product Specification

- Flow Range: 0.45-452.4m³/min
- Material: HT250
- Vacuum Degree: -9.8~-80kPa
- Models: RR
- Highlight: continuous duty roots type vacuum pump, continuous duty roots blower vacuum pump



Product Description

High-Efficiency Roots Vacuum Pump for Continuous-Duty Operation

Product Features

Product Overview

Engineered to deliver uncompromising reliability and performance, this robust roots blower vacuum system is the ideal choice for a wide range of industrial process engineering applications. Leveraging the proven, time-tested technology of roots-type vacuum pumps, this system is built to withstand the rigors of continuous-duty operation, providing users with consistent, energy-efficient vacuum output even in the most demanding manufacturing environments.

Key Technical Features

Heavy-Duty Roots Blower Design

Rugged cast iron and steel construction with oversized bearings
Able to endure severe shock loads, high vibration, and other extreme stresses
Maintains stable vacuum performance over extended operating periods

High-Efficiency Drive System

Premium permanent magnet motor provides ample torque and power
Advanced variable frequency drive enables precise speed control and optimization
Minimizes energy consumption while maximizing vacuum output

Optimized Aerodynamic Flow Path

Computational fluid dynamics (CFD) analysis used to refine inlet/outlet design
Enhances overall efficiency and reduces pressure losses, noise, and vibration
Maintains excellent vacuum capabilities even under heavy-load conditions

Comprehensive Control and Monitoring

Predictive maintenance algorithms monitor equipment health and optimize uptime
Remote access and cloud-based analytics enable 24/7 performance optimization

Key Advantages

Exceptional reliability and durability for continuous-duty process engineering applications
The efficient vacuum pump minimizes energy consumption and operating costs to the greatest extent possible
Advanced aerodynamics optimize performance while reducing noise and vibration
Smart controls and monitoring ensure optimal system operation and uptime

Scope of application

It is suitable for sewage treatment industry, petrochemical industry, food and drug industry, textile industry, metallurgy industry, cement and construction materials industry, printing and dyeing industry and other industries.

Market Distribution

We have 42 offices throughout the country, in addition to Taiwan Province, 33 provinces in the country's administrative regions have a sound sales and service network. We can provide you with pre-sale, in-sale and after-sales service in a timely and convenient manner, understand your needs, and constantly improve the service and quality system while meeting the customized needs of customers.

High Performance Aerodynamic Design Methodology for Wide Service Conditions

By studying the influence of impeller and volute flow on efficiency and working stability, the R&D team proposed a flow control method and a pneumatic optimization design method to improve the performance of the main engine, which greatly improved the efficiency of the main engine.

Manufacturing & Equipment Base

has built laboratories, R&D buildings, processing workshops, etc., with internationally advanced and China leading high-precision processing equipment.



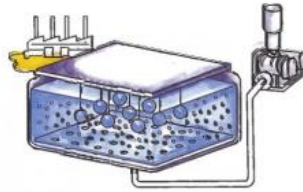
Examples of uses



■水泡浴 Foaming in Bath



■燃烧炉 Combustion a Fireplace



■电镀槽搅拌 Stirring in Plated Vessel



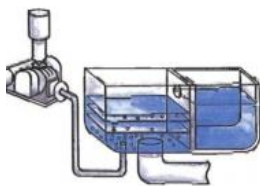
■公寓大楼的污水处理（曝气）
Waste water Aeration in Condominiums



■工厂废水和畜产废水处理（曝气）
Waste Water Aeration for Shop and Livestock Industries



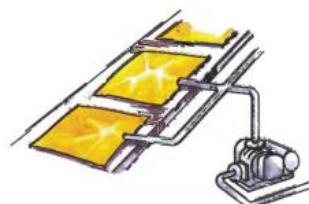
■养鱼用 Fish Care



■冲洗 Back Washing



■粉体输送（水泥、饲料、小片状物）
Transport of Particles



■食品真空包装
Vacuum Pack for Foods

RR-V系列罗茨真空泵性能表 Performance Data of Series RR-V Rotary Vacuum Pump

| 型号 Type | | 口径 mm | 理论流量 Theoretical Capacity m³/min | 各真空度下的吸入流量Qs (m³/min) 和所需的轴功率La (kW) 及配电机功率Po (kW) | | | | | | | | | | | | | | | | | | | | | | | | 电机 功率 Motor Power Po (kW) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | Qs La Po | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po |

注：1. 带*的转速采用联轴器传动，其余转速采用皮带传动

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

RR-V系列罗茨真空泵性能表 Performance Data of Series RR-V Rotary Vacuum Pump

| 型 号 Type | 口径 mm | 转速 r/min | 理论流量 Theoretical Capacity m ³ /min | 各真空度下的吸入风量Q _s (m ³ /min) 和所需的轴功率La (kW) 及配套电机功率 (kW) Inlet Flow Q _s (m ³ /min), Shaft Power La(kW) And Motor Power Po (kW) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 电机 功率 Power Flow | | | | | | | | | | | | | | |
|-------------|----------|-------------|--|---|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|---------------------------|----|--------------|---|--|--|--|--|--------------|--|--|--|--|--|--|
| | | | | ~0.06Pa | | | | | | ~1.73Pa | | | | | | ~9.0Pa | | | | | | ~51.7Pa | | | | | | ~93.0Pa | | | | | | ~14.0Pa | | | | | | ~60Pa | | | | | | |
| | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | ~100mbar(20) | | | | | | |
| | | | | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | | La | Po | P | | | | | | | | | | | |
| RR-V125 | 125 | 1200 | 9700 | 11.1 | 8.92 | 3.9 | 4 | 13.2 | 3.7 | 5.5 | 8.07 | 4.6 | 7.3 | 7.6 | 1.35 | 7.5 | 7.2 | 6.3 | 11 | 6.85 | 7.45 | 11 | 6.92 | 8.4 | 11 | 6.97 | 9.5 | 11 | | | | | 6 | | | | | | | | | | | | | |
| | | | 11100 | 13.2 | 11 | 3.3 | 4 | 16.4 | 3.4 | 5.5 | 10.1 | 5.3 | 7.3 | 9.63 | 6.6 | 11 | 9.22 | 7.1 | 11 | 8.99 | 8.8 | 11 | 9.35 | 9.9 | 13 | 8.14 | 11 | 13 | | | | | 4 | | | | | | | | | | | | | |
| | | | 14000 | 16.6 | 14.4 | 4.2 | 5.3 | 19.8 | 3.57 | 7.5 | 13.2 | 6.9 | 11 | 13 | 8.3 | 11 | 12.6 | 8.7 | 11 | 12.3 | 11.1 | 13 | 12 | 12.5 | 15 | 11.6 | 13.9 | 18.5 | 11.1 | 15.3 | 18.5 | 4 | | | | | | | | | | | | | | |
| | | | 17100 | 20 | 17.9 | 5 | 7.3 | 23.7 | 3.7 | 8.7 | 17 | 17 | 8.4 | 11 | 16.5 | 16.1 | 13 | 16.1 | 11.7 | 13 | 15.4 | 12.4 | 18.3 | 15.5 | 15.1 | 16.3 | 13 | 16.4 | 22 | 14.5 | 16.2 | 22 | 4 | | | | | | | | | | | | | |
| RR-V150 | 150 | 1200 | 2000 | 23.9 | 20.7 | 5.7 | 7.3 | 26.1 | 7.4 | 11 | 19.9 | 6.3 | 12 | 19.3 | 11.5 | 12 | 18.9 | 13.4 | 16.5 | 18.4 | 16.3 | 16.3 | 18.3 | 17.2 | 22 | 17.9 | 18.2 | 22 | 17.4 | 21.1 | 30 | 4 | | | | | | | | | | | | | | |
| | | | 9700 | 13.5 | 11 | 3.4 | 5.5 | 16.2 | 3.55 | 7.5 | 8.97 | 4.7 | 7.3 | 8.24 | 6.9 | 11 | 8.69 | 7.9 | 11 | 8.42 | 9.86 | 11 | 7.92 | 10.8 | 13 | | | | | | | | 6 | | | | | | | | | | | | | |
| | | | 11100 | 16 | 13.5 | 4.1 | 5.5 | 12.7 | 3.38 | 7.5 | 12.3 | 6.7 | 11 | 11.7 | 8 | 11 | 11.2 | 9.3 | 13 | 10.7 | 10.7 | 13 | 10.5 | 12 | 13 | 9.8 | 13.3 | 15 | | | | | | 4 | | | | | | | | | | | | |
| | | | 14500 | 18.2 | 17.7 | 4 | 5.3 | 16.6 | 6.7 | 7.5 | 16.5 | 8.4 | 11 | 15.9 | 16.1 | 13 | 15.4 | 11.7 | 13 | 14.9 | 13.5 | 15 | 14.5 | 15.5 | 18 | 14 | 16.9 | 18.5 | 13.3 | 18.6 | 22 | 4 | | | | | | | | | | | | | | |
| RR-V200 | 150 | 1200 | 2300 | 24.4 | 21.9 | 5.9 | 7.3 | 21.8 | 7.39 | 11 | 21.4 | 10 | 13 | 20.8 | 12.1 | 16.5 | 20.3 | 14.1 | 18.9 | 18.1 | 18.3 | 15.4 | 18.1 | 22 | 18.2 | 20.2 | 30 | 17.5 | 22.5 | 30 | 4 | | | | | | | | | | | | | | | |
| | | | 9700 | 27.9 | 25.4 | 6.9 | 11 | 24.2 | 9.15 | 11 | 24.2 | 11.5 | 15 | 23.6 | 13.9 | 18.5 | 23.1 | 16.1 | 18.5 | 18.4 | 22 | 22.5 | 20.7 | 30 | 21.7 | 25.1 | 30 | 21 | 25.4 | 30 | 4 | | | | | | | | | | | | | | | |
| | | | 11100 | 30.9 | 28.4 | 4.2 | 5.5 | 16.9 | 7.25 | 7.5 | 12.9 | 7.2 | 11 | 11.9 | 8.6 | 11 | 12.9 | 10 | 15 | 10.8 | 11.4 | 13 | 10.2 | 12.9 | 15 | | | | | | | | 6 | | | | | | | | | | | | | |
| | | | 14500 | 33 | 29 | 17 | 5 | 7.5 | 16 | 8.7 | 11 | 15.6 | 8.4 | 11 | 15 | 16.1 | 15 | 16.4 | 11.6 | 15 | 13.9 | 13.4 | 15.3 | 15 | 15.5 | 12.9 | 16.4 | 22 | | | | | 4 | | | | | | | | | | | | | |
| RR-V250 | 150 | 1200 | 2500 | 25.3 | 22.7 | 6.2 | 7.3 | 21.3 | 8.35 | 11 | 20.9 | 10.5 | 15 | 20.3 | 12.6 | 18.5 | 19.7 | 14.7 | 18.5 | 18.2 | 18.9 | 22 | 18.6 | 19 | 22 | 19 | 23.3 | 30 | 17.1 | 23.1 | 30 | 4 | | | | | | | | | | | | | | |
| | | | 9700 | 28.4 | 27.4 | 7.3 | 11 | 26.5 | 10.1 | 15 | 26.1 | 12.6 | 15 | 25.1 | 13.2 | 18.5 | 24.9 | 17.1 | 22 | 24.4 | 26.3 | 30 | 23.8 | 22.8 | 30 | 23.3 | 24.4 | 30 | 22.9 | 28 | 37 | 4 | | | | | | | | | | | | | | |
| | | | 11100 | 34.9 | 31.8 | 8.3 | 11 | 26.9 | 11.4 | 15 | 26.3 | 14.3 | 18.5 | 28.9 | 17.2 | 22 | 29.3 | 20.2 | 30 | 28.9 | 23.1 | 30 | 28.5 | 28 | 30 | 27.6 | 29 | 37 | 26.7 | 31.9 | 37 | 4 | | | | | | | | | | | | | | |
| | | | 14500 | 38.8 | 37.2 | 5.2 | 7.3 | 18.1 | 6.98 | 11 | 15.8 | 8.7 | 11 | 14.9 | 10.5 | 15 | 14.2 | 12.2 | 13 | 13.4 | 14 | 18.5 | 12.9 | 13.5 | 18.5 | 12.1 | 17.5 | 22 | | | | | 6 | | | | | | | | | | | | | |
| RR-V300 | 150 | 1200 | 2700 | 24.6 | 21.2 | 6 | 7.3 | 20 | 8.1 | 11 | 19.3 | 10.2 | 15 | 18.8 | 12.2 | 13 | 18.1 | 14.4 | 18.5 | 17.4 | 16.3 | 22 | 16.8 | 18.3 | 22 | 16 | 20.4 | 30 | 15 | 22.7 | 30 | 4 | | | | | | | | | | | | | | |
| | | | 9700 | 31.1 | 27.5 | 7.5 | 11 | 26.4 | 10.3 | 15 | 25.9 | 12.7 | 18.5 | 25.2 | 15.4 | 18.5 | 24.5 | 18 | 22 | 23.4 | 20.4 | 30 | 23.2 | 23.2 | 30 | 22.4 | 23.9 | 30 | 21.4 | 26.3 | 37 | 4 | | | | | | | | | | | | | | |
| | | | 11100 | 35.5 | 31.9 | 9 | 11 | 32.8 | 12.3 | 15 | 32.3 | 13.3 | 18.5 | 31.4 | 18.5 | 22 | 30.9 | 21.6 | 30 | 30.2 | 24.9 | 30 | 29.6 | 28 | 37 | 30.8 | 31.2 | 37 | 31.8 | 34 | 43 | 4 | | | | | | | | | | | | | | |
| | | | 14500 | 42.9 | 39.3 | 10.2 | 15 | 26.2 | 13.9 | 18.5 | 27.7 | 17.5 | 22 | 37 | 21.1 | 30 | 30.7 | 25.7 | 30 | 30.9 | 28.1 | 37 | 35 | 31.9 | 37 | 34.2 | 33.5 | 43 | 33.2 | 38.1 | 43 | 4 | | | | | | | | | | | | | | |
| RR-V400 | 150 | 1200 | 2900 | 17.1 | 14.1 | 4.9 | 5.3 | 13.1 | 6.1 | 7.5 | 12.8 | 5.3 | 11 | 12.2 | 8.7 | 11 | 11.7 | 10.2 | 11 | 11.2 | 11.6 | 13 | 10.7 | 13.1 | 13 | 10.1 | 14.0 | 18.5 | | | | | 8 | | | | | | | | | | | | | |
| | | | 9700 | 22.7 | 18.7 | 6 | 7.3 | 18.7 | 8 | 11 | 18.4 | 10 | 15 | 17.8 | 11.8 | 15 | 17.3 | 13.5 | 18.5 | 16.9 | 15.3 | 18.3 | 16.3 | 17.5 | 22 | 15.7 | 18.7 | 22 | 15.1 | 21 | 30 | 6 | | | | | | | | | | | | | | |
| | | | 11100 | 27.4 | 24.4 | 5.3 | 11 | 22.4 | 6.79 | 11 | 22.1 | 12 | 15 | 22.5 | 14.3 | 18.5 | 22 | 16.5 | 22 | 21.1 | 21 | 30 | 28.4 | 23.1 | 30 | 19.9 | 23.5 | 30 | | | | | 4 | | | | | | | | | | | | | |
| | | | 14500 | 29.2 | 26.3 | 8 | 11 | 25.3 | 10.3 | 15 | 25 | 12.5 | 15 | 24.1 | 15 | 18.5 | 23.9 | 17.5 | 22 | 23.4 | 30 | 22 | 23.9 | 22.5 | 30 | 22.3 | 35 | 30 | 21.8 | 27.5 | 37 | 4 | | | | | | | | | | | | | | |
| RR-V500 | 150 | 1200 | 3100 | 16.6 | 14.6 | 8.3 | 11 | 22.6 | 11 | 15 | 22.5 | 10.5 | 18.5 | 26.7 | 16.9 | 18.5 | 26.2 | 19 | 22 | 23.7 | 21.6 | 30 | 23.2 | 24 | 30 | 19.6 | 26.8 | 30 | 19.1 | 28.3 | 37 | 4 | | | | | | | | | | | | | | |
| | | | 14500 | 33.9 | 30.9 | 5.9 | 11 | 29.9 | 12.3 | 18.5 | 29.9 | 13 | 18.5 | 29 | 18 | 22 | 28.9 | 20.9 | 30 | 28 | 23.9 | 30 | 27.5 | 26.9 | 30 | 26.9 | 29.3 | 37 | 26.4 | 32.2 | 37 | 4 | | | | | | | | | | | | | | |

注: 带*的转速采用联轴器直接传动, 其余转速采用皮带传动

Notes: Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

RR-V系列罗茨真空泵性能表 Performance Data of Series RR-V Rotary Vacuum Pump

| 型 号 Type | 口径 mm | 转速 r/min | 理论流量 Theoretical Capacity m³/min | 各真空度下的吸入风量Q _s (m³/min) 和所需的轴功率La (kW) 及配套电机功率 (kW) Inlet Flow Q _s (m³/min), Shaft Power La(kW) And Motor Power Po (kW) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 电机 功率 Power Flow |
|-------------|----------|-------------|---|---|------|------|----------------|------|------|----------------|------|--------------|----------------|------|------|----------------|------|------|----------------|--------------|------|----------------|------|------|----------------|------|------|----------------|------|------|----------------|----|----|---|--|---------------------------|
| | | | | ~0.06Pa | | | | | | | | ~1.73Pa | | | | | | | | ~9.0Pa | | | | | | | | ~51.7Pa | | | | | | | | |
| | | | | ~100mbar(20) | | | | | | | | ~100mbar(20) | | | | | | | | ~100mbar(20) | | | | | | | | ~100mbar(20) | | | | | | | | |
| | | | | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | Q _s | La | Po | P | | |
| RR-V400 | 150 | 1200 | 7300 | 26.6 | 17.4 | 5.3 | 7.3 | 16.2 | 7.3 | 11 | 16.9 | 8.7 | 11 | 15.1 | 10.7 | 15 | 14.4 | 12.1 | 13 | 13.9 | 13.9 | 18.5 | 13.4 | 15.3 | 15.9 | 12.9 | 17.5 | 22 | | | | 8 | | | | |
| | | | 9700 | 27.6 | 24.3 | 7 | 11 | 15 | 9.35 | 11 | 15.6 | 11.2 | 15 | 15.9 | 14 | 18.5 | 21.3 | 16.5 | 18.2 | 18.7 | 16.8 | 22 | 20.2 | 21 | 30 | 19.6 | 23.3 | 30 | 18.5 | 25.5 | 30 | 6 | | | | |
| | | | 11100 | 31.3 | 29.9 | 8.5 | 11 | 19.7 | 11.3 | 15 | 19.3 | 11.3 | 18.5 | 27.6 | 16.9 | 22 | 26.9 | 19.3 | 22 | 26.5 | 22.3 | 30 | 25.9 | 25 | 30 | 23.1 | 27.6 | 37 | 19.6 | 30.3 | 37 | 4 | | | | |
| | | | 14500 | 35.6 | 32.2 | 9 | 11 | 31 | 12 | 15 | 30.6 | 13 | 18.5 | 29.9 | 19 | 22 | 29.2 | 21 | 30 | 28.7 | 24 | 30 | 28.2 | 27 | 30 | 27.4 | 30 | 37 | 26.9 | 33 | 37 | 4 | | | | |
| RR-V600 | 150 | 1200 | 10500 | 41.3 | 37.8 | 10.9 | 15 | 36.1 | 14.1 | 18.5 | 36.2 | 17.6 | 22 | 35.9 | 21.1 | 30 | 34.8 | 24.6 | 30 | 34.3 | 28.1 | 37 | 33.9 | 31.9 | 37 | 33.2 | 36.1 | 43 | 32.5 | 39.5 | 43 | 4 | | | | |
| | | | 7300 | 26.2 | 22.2 | 6.6 | 11 | 31 | 9 | 11 | 30.6 | 11.3 | 15 | 19.8 | 13.4 | 15 | 18.8 | 15.3 | 18.5 | 18.1 | 17.8 | 22 | 17.9 | 19.9 | 22 | 16.7 | 22.5 | 30 | | | | 8 | | | | |
| | | | 9700 | 33.3 | 30 | 8.3 | 11 | 29.8 | 11.9 | 15 | 29.4 | 14.9 | 18.5 | 28.3 | 17.5 | 22 | 27.7 | 20.3 | 30 | 27 | 23.3 | 30 | 26.4 | 26.1 | 30 | 25.5 | 28.5 | 37 | 24.8 | 32.5 | 37 | 4 | | | | |
| | | | 11100 | 42.6 | 38.4 | 10 | 11 | 32.8 | 13.8 | 16.5 | 36.7 | 17.6 | 22 | 35.8 | 21 | 30 | 34.8 | 24.9 | 30 | 34.3 | 28.3 | 37 | 33.7 | 32 | 37 | 31.9 | 33.5 | 43 | 32.2 | 39 | 43 | 4 | | | | |
| RR-V800 | 150 | 1200 | 11500 | 41.3 | 37.8 | 11 | 15 | 36.1 | 14.1 | 18.5 | 36.9 | 18.3 | 22 | 36.7 | 22.5 | 30 | 35.9 | 26.5 | 30 | 37.2 | 30.3 | 37 | 36.6 | 34 | 43 | 34.8 | 37.9 | 43 | 36.1 | 41.5 | 43 | 4 | | | | |
| | | | 7300 | 29.4 | 11 | 12 | 15 | 43.8 | 16 | 18.5 | 43.3 | 20 | 30 | 41.2 | 23.9 | 30 | 41.6 | 28.8 | 37 | 40.9 | 32.9 | 37 | 41.3 | 36.3 | 43 | 39.8 | 42.8 | 43 | 38.8 | 43 | 4 | | | | | |
| | | | 11500 | 33.1 | 46.7 | 13.8 | 15 | 43.9 | 18.1 | 22 | 42 | 22.4 | 30 | 46.1 | 27 | 30 | 45.9 | 31.5 | 37 | 44.6 | 35.9 | 43 | 48 | 40.1 | 43 | 43.2 | 44.7 | 43 | 42.5 | 46.8 | 43 | 4 | | | | |
| | | | 7300 | 32.9 | 32 | 8.3 | 11 | 37.4 | 11 | 15 | 36.6 | 13.8 | 15 | 36.1 | 16.5 | 18.5 | 34.2 | 19.4 | 30 | 32.2 | 22.1 | 30 | 22.9 | 24.8 | 30 | 21.2 | 27 | 19.1 | 18.6 | 30 | 17.8 | | | | | |
| RR-V1000 | 200 | 1200 | 15100 | 44.1 | 48 | 16.3 | 15 | 38.4 | 14.2 | 18.5 | 37.8 | 18 | 22 | 38.3 | 21.8 | 30 | 38.2 | 23.2 | 30 | 38.3 | 28.3 | 37 | 37.9 | 35 | 37 | 37.2 | 36.5 | 43 | 39.8 | 42 | 43 | 4 | | | | |
| | | | 7300 | 33.6 | 48.2 | 12.6 | 15 | 47.6 | 17 | 22 | 46.8 | 21.6 | 30 | 45.3 | 26 | 30 | 44.4 | 26.8 | 37 | 43.6 | 38 | 43 | 42.5 | 38.3 | 43 | 41.4 | 42 | 39 | 40 | 40.1 | 38.9 | | | | | |
| | | | 11100 | 52.2 | 52.8 | 13.5 | 15 | 38.5 | 13.2 | 16.9 | 32 | 14 | 23 | 40 | 41.1 | 27.8 | 37 | 42 | 32.8 | 37 | 47 | 37.3 | 45 | 43 | 42 | 41.5 | 43 | 43.6 | 42 | 43 | 4 | | | | | |
| | | | 15100 | 47.6 | 57.4 | 14.3 | 15 | 38.5 | 13.9 | 19.8 | 30 | 25 | 30 | 33.7 | 30 | 37 | 32.6 | 38 | 43 | 40.3 | 45 | 36.7 | 40.3 | 52 | 44.6 | 39.8 | 47.5 | 46.2 | 39 | 40 | 40 | 40 | | | | |
| RR-V1200 | 200 | 1200 | 16000 | 46.4 | 62 | 16.4 | 12 | 40.4 | 22 | 30 | 49.6 | 27.7 | 37 | 50.1 | 33.5 | 37 | 50.3 | 36.4 | 43 | 56.2 | 40.1 | 55 | 54.2 | 49.7 | 55 | 54.2 | 50.4 | 75 | 52.5 | 68.9 | 75 | 4 | | | | |
| | | | 7300 | 48.8 | 58.4 | 17.7 | 15 | 33.9 | 13.1 | 18.3 | 33.1 | 16.8 | 22 | 31.9 | 19.9 | 30 | 30.8 | 23.3 | 30 | 29.8 | 28.7 | 37 | 28.8 | 30 | 27 | 27.8 | 33 | 27 | 26.9 | 43 | 4 | | | | | |
| | | | 16000 | 34.3 | 46.9 | 13 | 15 | 47.7 | 12 | 22 | 46.6 | 22 | 30 | 45.6 | 26.5 | 37 | 44.9 | 32 | 37 | 42.3 | 35.6 | 43 | 42.3 | 40 | 55 | 41.1 | 44.0 | 53 | 29.5 | 40 | 55 | 6 | | | | |
| | | | 11100 | 60.9 | 66.1 | 16 | 15.5 | 36.6 | 12.9 | 30 | 57.8 | 26 | 37 | 56.6 | 30.1 | 37 | 56.5 | 37 | 43 | 54.5 | 42.8 | 55 | 55.5 | 58 | 52.2 | 53.3 | 75 | 50.1 | 72 | 72 | 4 | | | | | |
| RR-V1600 | 200 | 1200 | 22800 | 79 | 84.6 | 18 | 22 | 63 | 21.9 | 30 | 62.3 | 27.3 | 37 | 61.1 | 32.3 | 37 | 60 | 39 | 43 | 65.5 | 47 | 55 | 58 | 53 | 75 | 56.8 | 77 | 75 | 55.2 | 82 | 72 | 4 | | | | |
| | | | 7300 | 75.8 | 78.1 | 17 | 22 | 68.3 | 23.5 | 30 | 67.9 | 30 | 45 | 66.5 | 36 | 45 | 65.5 | 46 | 53 | 64.5 | 46.8 | 55 | 65.5 | 58 | 75 | 61.3 | 64.3 | 75 | 60.7 | 68 | 75 | 4 | | | | |
| | | | 16000 | 81.1 | 75.7 | 18.9 | 23 | 74.1 | 25.8 | 30 | 73.4 | 32.8 | 37 | 72.2 | 39.9 | 43 | 71.1 | 40.7 | 53 | 70.1 | 52.7 | 75 | 60 | 56.7 | 75 | 61.9 | 66 | 75 | 60.5 | 73.6 | 68 | | | | | |
| | | | 22800 | 51.8 | 63.5 | 11.8 | 15 | 63.5 | 16 | 15.4 | 62.4 | 26.4 | 30 | 61.7 | 24.9 | 30 | 60.5 | 29.2 | 37 | 58.7 | 24.9 | 47 | 53.3 | 47 | 49.9 | 47.9 | 43 | 43.3 | 53 | 53.6 | 60.7 | 53 | 8 | | | |
| RR-V2000 | 150 | 1200 | 29100 | 69.1 | 82.5 | 13 | 15.5 | 60.9 | 21 | 30 | 60.6 | 27 | 37 | 59.9 | 32.5 | 43 | 58.7 | 38 | 43 | 59.3 | 44 | 55 | 54.1 | 50 | 55 | 52.3 | 58 | 75 | 50.8 | 62 | 75 | 6 | | | | |
| | | | 11100 | 83.3 | 76.7 | 18 | 22 | 74.7 | 23 | 30 | 73.8 | 32 | 37 | 72.1 | 39 | 45 | 70.9 | 46 | 66.7 | 43 | 69.3 | 57 | 75 | 69.2 | 60 | 75 | 67.7 | 87 | 75 | 68 | 74 | 96 | | | | |

| RR-V系列罗茨真空泵性能表 Performance Data of Series RR-V Rotary Vacuum Pump | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|-------------|---|---|-------|----|----|-------|------|--------------|-------|-------|-------|-------|-------|--------------|-------|-------|------|-------|-------|--------------|-------|-------|-------|----------------------------|-------|-------|-------|-------|-----|-----|
| 型号 Type | 口径 mm | 转速 r/min | 理论流量 Theoretical Capacity m³/min | 各真空度下的吸入风量 Qs (m³/min) 和所需的轴功率 La (kW) 及配置电机功率 Po (kW) Inlet Flow Qs (m³/min), Shaft Power La (kW) And Motor Power Po (kW) | | | | | | | | | | | | | | | | | | | | | | 电机 功率 Motor Power | | | | | | |
| | | | | ~8.0Pa | | | | | | ~14.7Pa | | | | | | ~28.0Pa | | | | | | ~53.3Pa | | | | | | | | | | |
| | | | | C-1000mm(20) | | | | | | C-1500mm(20) | | | | | | C-2000mm(20) | | | | | | C-3000mm(20) | | | | | | | | | | |
| | | | | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | |
| RR-V200 | 300° | 800 | 800 | 147.4 | 1.01 | 32 | 45 | 132 | 45.3 | 58 | 139 | 59 | 78 | 127 | 70 | 80 | 128 | 81 | 132 | 91 | 133 | 128 | 100 | 132 | 120 | 138 | 132 | 132 | 130 | 140 | 8 | |
| | | | 990.0 | 164.1 | 132 | 33 | 45 | 139 | 49 | 75 | 147 | 63 | 73 | 144 | 76.5 | 93 | 142 | 90 | 139 | 140 | 104 | 132 | 130 | 117 | 132 | 136 | 131 | 160 | 131 | 143 | 100 | 8 |
| | | | 650 | 119.7 | 100 | 26 | 37 | 102.5 | 36 | 45 | 101 | 46 | 73 | 96.4 | 56 | 75 | 95.8 | 60 | 90 | 93 | 70 | 80 | 90.5 | 86 | 110 | 87.3 | 96 | 110 | 84.3 | 106 | 132 | 8 |
| RR-V200 | 300° | 700 | 700 | 121.3 | 121.3 | 29 | 37 | 117.3 | 40 | 45 | 115.8 | 52 | 73 | 112.8 | 63 | 75 | 109.8 | 74 | 80 | 107.8 | 85 | 110 | 104.8 | 97 | 110 | 102.3 | 108 | 132 | 88.3 | 119 | 132 | 8 |
| | | | 800 | 147.4 | 121.7 | 32 | 45 | 130.7 | 44 | 55 | 128.7 | 57 | 73 | 125.5 | 69 | 90 | 122.9 | 80 | 130 | 126.7 | 94 | 130 | 117.8 | 106 | 132 | 114.8 | 118 | 132 | 110.8 | 130 | 140 | 8 |
| | | | 990.0 | 162.1 | 149 | 33 | 45 | 143 | 49 | 65 | 143 | 62 | 73 | 140 | 76 | 93 | 137 | 89 | 139 | 139 | 105 | 132 | 132 | 116 | 132 | 130 | 130 | 130 | 129 | 144 | 160 | 8 |
| RR-V300 | 300° | 800 | 800 | 190.2 | 169.8 | 30 | 45 | 163.8 | 58 | 75 | 161.8 | 69 | 90 | 156.5 | 84 | 110 | 155.8 | 100 | 132 | 155.8 | 118 | 132 | 150.8 | 130 | 160 | 148.8 | 135 | 160 | 143.8 | 160 | 160 | 8 |
| | | | 650 | 133.7 | 130 | 29 | 37 | 117 | 40 | 55 | 115 | 51 | 73 | 112 | 62 | 75 | 109 | 73 | 80 | 107 | 83.5 | 110 | 104 | 96 | 110 | 100 | 107 | 132 | 97 | 118 | 132 | 8 |
| | | | 700 | 198.2 | 137 | 32 | 37 | 133 | 44.5 | 55 | 131 | 57 | 73 | 128 | 68.5 | 93 | 125 | 82 | 90 | 123 | 86.8 | 110 | 120 | 107 | 132 | 118 | 120 | 132 | 114 | 132 | 160 | 8 |
| RR-V300 | 300° | 800 | 800 | 164.8 | 151 | 35 | 45 | 148 | 49 | 55 | 146 | 63 | 73 | 143 | 76.5 | 93 | 140 | 90 | 139 | 138 | 104 | 132 | 135 | 118 | 132 | 132 | 130 | 129 | 145 | 160 | 160 | 8 |
| | | | 990.0 | 181.1 | 169 | 29 | 45 | 164 | 55 | 75 | 162 | 69 | 90 | 159 | 84 | 110 | 159 | 99 | 135 | 154 | 114 | 132 | 135 | 129 | 160 | 149 | 144 | 160 | 145 | 159 | 160 | 8 |
| | | | 650 | 201.7 | 192 | 42 | 55 | 185 | 50.5 | 75 | 183 | 76 | 90 | 180 | 95 | 110 | 177 | 110 | 132 | 175 | 127 | 160 | 172 | 144 | 160 | 170 | 161 | 185 | 167 | 178 | 200 | 8 |
| RR-V300 | 300° | 800 | 800 | 138.6 | 144 | 31 | 45 | 139 | 42 | 75 | 137 | 60 | 73 | 134 | 75 | 90 | 130 | 86 | 130 | 127 | 90 | 130 | 124 | 112 | 132 | 122 | 136 | 130 | 136 | 130 | 140 | 8 |
| | | | 990.0 | 178.2 | 164 | 38 | 45 | 159 | 52.5 | 75 | 157 | 67 | 73 | 154 | 82 | 93 | 150 | 97 | 130 | 147 | 112 | 132 | 144 | 128 | 130 | 140 | 141 | 160 | 136 | 160 | 165 | 8 |
| | | | 650 | 195.2 | 181 | 41 | 55 | 176 | 57.5 | 75 | 174 | 74 | 90 | 171 | 90 | 110 | 167 | 106 | 132 | 164 | 122 | 160 | 161 | 138 | 160 | 157 | 153 | 185 | 153 | 171 | 200 | 8 |
| RR-V300 | 300° | 800 | 800 | 214.8 | 200 | 45 | 55 | 190.3 | 63 | 75 | 193 | 81 | 90 | 190 | 96.5 | 110 | 186 | 116 | 132 | 183 | 134 | 160 | 181 | 152 | 185 | 177 | 170 | 185 | 172 | 188 | 220 | 8 |
| | | | 990.0 | 234.2 | 221 | 50 | 75 | 220 | 70 | 90 | 218 | 90 | 110 | 215 | 110 | 132 | 211 | 130 | 160 | 208 | 136 | 160 | 205 | 160 | 185 | 205 | 189 | 220 | 187 | 209 | 230 | 8 |
| | | | 700 | 138.6 | 127 | 30 | 37 | 124.8 | 41.9 | 55 | 122.1 | 53.5 | 73 | 119.4 | 65.1 | 75 | 116.7 | 76.8 | 90 | 114 | 86.4 | 110 | 111.1 | 100 | 110 | 109 | 111.8 | 132 | 104.2 | 123.3 | 160 | 8 |
| RR-V300 | 300° | 800 | 800 | 187.8 | 175.8 | 35 | 45 | 172.8 | 56.5 | 75 | 180.8 | 71.8 | 90 | 178.2 | 87.4 | 110 | 166.2 | 102 | 132 | 164.2 | 118.2 | 132 | 158.8 | 124.2 | 160 | 155.8 | 148.8 | 155 | 152.4 | 165.2 | 185 | 8 |
| | | | 990.0 | 234.8 | 219 | 41 | 55 | 219.8 | 61.2 | 75 | 233.8 | 83.7 | 90 | 230.3 | 85.5 | 90 | 247.1 | 95.8 | 110 | 245.9 | 120.4 | 132 | 185.8 | 125.9 | 160 | 138.8 | 138.4 | 160 | 132.8 | 153 | 185 | 8 |
| | | | 650 | 194.8 | 180.3 | 36 | 45 | 186.9 | 51.2 | 73 | 183.9 | 61.7 | 93 | 180.3 | 86.3 | 93 | 187 | 114 | 94.8 | 110 | 143.9 | 109.4 | 132 | 143.4 | 123.9 | 160 | 138.4 | 138.4 | 160 | 132.8 | 153 | 185 |
| RR-V300 | 300° | 800 | 800 | 234.8 | 220.2 | 49 | 75 | 216.8 | 68.5 | 90 | 213.3 | 86.1 | 110 | 210.3 | 107.4 | 132 | 206.8 | 127.1 | 160 | 205.8 | 154.6 | 185 | 200.1 | 166.4 | 190 | 186.5 | 166.6 | 190 | 182.5 | 205.2 | 220 | 8 |
| | | | 990.0 | 258.9 | 243.3 | 61 | 90 | 230.3 | 78.1 | 75 | 238.3 | 116.8 | 90 | 232.9 | 91.2 | 110 | 230.3 | 108.1 | 132 | 205.8 | 161.8 | 200 | 161.7 | 191.5 | 180 | 157.6 | 196.1 | 195 | 213.3 | 216.8 | 230 | 8 |
| | | | 700 | 268.42 | 252.9 | 67 | 90 | 235.7 | 77.9 | 90 | 240.3 | 124.1 | 124.1 | 221.7 | 124.1 | 221.7 | 144 | 180 | 214 | 147.6 | 185 | 202.9 | 180.9 | 220 | 228.1 | 212.2 | 230 | 223.1 | 235.8 | 230 | 8 | |
| RR-V300 | 300° | 700 | 700 | 222.3 | 203.5 | 45 | 55 | 201.1 | 44.3 | 73 | 197.3 | 61 | 90 | 185.9 | 101.4 | 132 | 180.3 | 120.2 | 132 | 185.2 | 138.4 | 160 | 181 | 157.4 | 155 | 176.3 | 170 | 170 | 176.4 | 180 | 220 | 8 |
| | | | 990.0 | 296.67 | 262.7 | 61 | 90 | 271.6 | 80.6 | 110 | 272.8 | 113.3 | 132 | 268.8 | 136.3 | 160 | 265.8 | 161.3 | 200 | 261.7 | 198.3 | 220 | 257.1 | 231.3 | 250 | 232.9 | 236.3 | 240 | 248.1 | 261 | 230 | 8 |

各真空度下的吸入流量 Q_v (m^3/min) 和所需的轴功率 l_m (kW) 及配套电机功率 (kW)

| | |
|--------------------------------|--|
| 注: 1. 湿式罗茨真空泵不宜输送水溶性、腐蚀性气体。 | Notes : 1. Water dissoluble or corrosive gas should not be transferred by wet rotary vacuum pump. |
| 2. 带轮的转速采用联轴器直接传动, 其余转速采用皮带传动。 | 2. Direct drive is adopted for model marked with "S". Belt drive is for others. |
| 3. 带轮的传动点与联轴器传动点均按泵体上标注的传动点。 | 3. Belt drive with counter shaft should be adopted for pump whose performance points are enclosed by the " " |

各真空度下的吸入风量 Q_s (m^3/min)和所需的轴功率 I_{as} (kW)及配套电机功率 (kW)

| | |
|--|--|
| 注: 1. 湿式罗茨真空泵不宜输送水溶性、腐蚀性气体。 2. 帝奇的转速采用联轴器直接传动, 其余转速采用皮带轮传动。 3. 内性能点真空度配中心轴皮带传动 | Notes: 1. Water dissolvable or corrosive gas should not be transferred by wet rotary vacuum pump. 2. Direct drive is adopted for model marked with "B", belt drive is for others. 3. Belt drive with counter shaft should be adopted for pump whose performance points are enclosed by the |
|--|--|

各真空度下的吸入风量 Q_s (m^3/min) 和所需的轴功率 P_a (kW) 及配套电机功率 (kW)

注: 1. 湿式罗茨真空泵不宜输送水溶性、腐蚀性的气体。
2. 带齿的传动采用联轴器直接传动, 其余传动采用皮带轮传动。
3. 内部节点真空室空腔中心轴转速见下表

Notes: 1. Water dissoluble or corrosive gas should not be transferred by wet rotary vacuum pump.
2. Direct drive is adopted for model marked with "B", belt drive is for others.
3. Belt drive with counter shaft should be adopted for pump whose performance points are enclosed by the

| RR-#系列罗茨真空泵性能表 Performance Data of Series RR-# Rotary Vacuum Pump | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|----------------|-----------------------|---|-----|----|------|----------|----|-----|-----|----------|-----|-----|-----|----------|-----|-----|-----|---------------------------------|-----------------------|-----|-----|-----|-----|----|---|
| 型号 Model | 口径 Inlet Size (mm) | 转速 RPM (r/min) | 理论流量 Capacity (L/min) | 各真空度下的吸入风量Qs (m³/min) 和所需的轴功率La (kW) 及配套电机功率 (kW) Inlet Flow Qs (m³/min), Shaft Power La (kW) And Motor Power Po | | | | | | | | | | | | | | | | 吸入流量 Sealing water flow (L/min) | 电机功率 Motor Power (kW) | | | | | | |
| | | | | ~13.3kPa | | | | ~26.6kPa | | | | ~53.3kPa | | | | ~80.0kPa | | | | | | | | | | | |
| | | | | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | | | |
| RR-200R | 100* | 300 | 180 | 147.45 | 141 | 44 | 33 | 140 | 46 | 33 | 136 | 37 | 90 | 137 | 93 | 116 | 134 | 109 | 132 | 133 | 126 | 100 | 45 | 6 | | | |
| | | 600 | 360 | 184.19 | 138 | 48 | 35 | 137 | 47 | 33 | 133 | 35 | 118 | 134 | 103 | 132 | 131 | 122 | 132 | 149 | 148 | 132 | 138 | 45 | 6 | | |
| | | 900 | 540 | 178.79 | 132 | 36 | 45 | 131 | 50 | 33 | 129 | 40 | 75 | 107 | 76 | 96 | 105 | 90 | 119 | 167 | 160 | 132 | 85 | 138 | 131 | 35 | 6 |
| RR-250R | 100* | 300 | 225 | 154.30 | 127 | 40 | 35 | 128 | 50 | 33 | 124 | 30 | 90 | 122 | 83 | 110 | 120 | 100 | 119 | 148 | 143 | 132 | 110 | 130 | 140 | 40 | 6 |
| | | 600 | 450 | 147.45 | 121 | 42 | 32 | 140 | 47 | 33 | 136 | 37 | 90 | 136 | 93 | 116 | 134 | 110 | 132 | 149 | 148 | 132 | 142 | 140 | 140 | 40 | 6 |
| | | 900 | 675 | 140.58 | 115 | 30 | 52 | 133 | 47 | 30 | 130 | 40 | 100 | 130 | 100 | 130 | 131 | 135 | 143 | 159 | 160 | 138 | 136 | 145 | 140 | 40 | 6 |
| RR-300R | 100* | 300 | 270 | 158.30 | 124 | 30 | 73 | 117 | 74 | 30 | 113 | 30 | 118 | 100 | 114 | 132 | 107 | 126 | 160 | 163 | 152 | 155 | 137 | 174 | 160 | 40 | 6 |
| | | 600 | 540 | 151.79 | 120 | 40 | 35 | 125 | 35 | 35 | 123 | 35 | 99 | 121 | 85 | 119 | 119 | 100 | 118 | 143 | 144 | 132 | 109 | 129 | 159 | 35 | 6 |
| | | 900 | 810 | 145.26 | 114 | 34 | 35 | 140 | 41 | 33 | 140 | 38 | 99 | 139 | 97 | 119 | 136 | 111 | 132 | 162 | 166 | 160 | 136 | 144 | 169 | 30 | 6 |
| RR-400R | 100* | 300 | 360 | 164.60 | 118 | 48 | 35 | 137 | 47 | 30 | 135 | 35 | 118 | 133 | 103 | 132 | 131 | 122 | 140 | 147 | 140 | 140 | 141 | 138 | 145 | 40 | 6 |
| | | 600 | 720 | 161.18 | 114 | 33 | 73 | 135 | 74 | 30 | 131 | 34 | 118 | 140 | 114 | 132 | 107 | 134 | 160 | 165 | 154 | 165 | 157 | 174 | 160 | 40 | 6 |
| | | 900 | 1080 | 157.78 | 105 | 30 | 73 | 130 | 83 | 30 | 126 | 30 | 132 | 136 | 126 | 160 | 180 | 149 | 160 | 164 | 171 | 162 | 178 | 163 | 178 | 40 | 6 |
| RR-500R | 100* | 300 | 450 | 168.60 | 116 | 30 | 73 | 147 | 69 | 30 | 145 | 30 | 119 | 142 | 106 | 132 | 140 | 126 | 144 | 165 | 159 | 159 | 167 | 183 | 165 | 40 | 6 |
| | | 600 | 900 | 178.20 | 109 | 30 | 73 | 167 | 72 | 30 | 165 | 32 | 119 | 163 | 112 | 132 | 160 | 132 | 160 | 156 | 152 | 165 | 149 | 171 | 183 | 45 | 6 |
| | | 900 | 1350 | 165.20 | 100 | 37 | 73 | 184 | 79 | 30 | 182 | 31 | 132 | 180 | 122 | 160 | 177 | 144 | 160 | 173 | 166 | 165 | 196 | 180 | 230 | 45 | 6 |
| RR-600R | 100* | 300 | 540 | 174.90 | 103 | 40 | 73 | 200 | 67 | 119 | 201 | 31 | 132 | 198 | 135 | 160 | 190 | 139 | 165 | 182 | 183 | 220 | 185 | 200 | 230 | 45 | 6 |
| | | 600 | 1080 | 170.35 | 100 | 30 | 90 | 220 | 67 | 119 | 226 | 32 | 160 | 224 | 139 | 165 | 221 | 177 | 200 | 217 | 209 | 220 | 210 | 230 | 230 | 45 | 6 |
| | | 900 | 1620 | 166.43 | 93 | 40 | 1 | 242 | 66 | 119 | 248 | 34 | 174 | 246 | 145 | 174 | 242 | 180 | 207 | 216 | 216 | 216 | 216 | 216 | 216 | 40 | 6 |
| RR-800R | 100* | 300 | 720 | 185.43 | 101 | 40 | 1 | 262 | 66 | 119 | 268 | 34 | 188 | 266 | 154 | 188 | 262 | 190 | 216 | 224 | 224 | 224 | 224 | 224 | 224 | 40 | 6 |
| | | 600 | 1440 | 181.34 | 104 | 2 | 88.8 | 282 | 66 | 119 | 288 | 34 | 202 | 286 | 164 | 202 | 282 | 202 | 224 | 232 | 232 | 232 | 232 | 232 | 232 | 40 | 6 |
| | | 900 | 2160 | 177.95 | 101 | 40 | 90 | 302 | 67 | 119 | 308 | 34 | 216 | 306 | 164 | 216 | 302 | 216 | 232 | 240 | 240 | 240 | 240 | 240 | 240 | 40 | 6 |
| RR-1000R | 100* | 300 | 900 | 189.80 | 101 | 40 | 1 | 322 | 66 | 119 | 328 | 34 | 226 | 324 | 164 | 226 | 322 | 226 | 240 | 248 | 248 | 248 | 248 | 248 | 248 | 40 | 6 |
| | | 600 | 1800 | 186.42 | 104 | 3 | 90 | 342 | 66 | 119 | 348 | 34 | 240 | 340 | 164 | 240 | 338 | 240 | 256 | 264 | 264 | 264 | 264 | 264 | 264 | 40 | 6 |
| | | 900 | 2700 | 183.23 | 104 | 40 | 1 | 362 | 66 | 119 | 368 | 34 | 254 | 364 | 164 | 254 | 360 | 254 | 270 | 278 | 278 | 278 | 278 | 278 | 278 | 40 | 6 |
| RR-1200R | 100* | 300 | 1080 | 189.87 | 101 | 40 | 1 | 382 | 66 | 119 | 388 | 34 | 264 | 384 | 164 | 264 | 382 | 264 | 280 | 288 | 288 | 288 | 288 | 288 | 288 | 40 | 6 |
| | | 600 | 2160 | 186.47 | 101 | 40 | 1 | 402 | 66 | 119 | 408 | 34 | 278 | 408 | 164 | 278 | 406 | 278 | 294 | 302 | 302 | 302 | 302 | 302 | 302 | 40 | 6 |
| | | 900 | 3240 | 186.30 | 108 | 32 | 73 | 422 | 66 | 119 | 428 | 34 | 292 | 428 | 164 | 292 | 426 | 292 | 308 | 316 | 316 | 316 | 316 | 316 | 316 | 40 | 6 |
| RR-1600R | 100* | 300 | 1440 | 177.40 | 109 | 36 | 73 | 468 | 73 | 30 | 464 | 36 | 318 | 462 | 115 | 330 | 460 | 330 | 334 | 340 | 340 | 340 | 340 | 340 | 340 | 40 | 6 |

注：1. 罗茨真空泵不宜输送水溶性、腐蚀性气体。
2. 带星号转速采用联轴器直接传动，其余转速采用皮带轮传动。
3. Direct drive is adopted for model marked with "*", Belt drive is for others.

| RR-#系列罗茨真空泵性能参数表 Performance Data of Series RR-# Rotary Vacuum Pump | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|----------------|-----------------------------------|--|--------|------|-----|----------|-------|-----|-------|----------|-----|-------|-------|----------|-------|-------|-----|---------------------------------|-----------------------|----------|-------|-------|-----|-----------|----|----|
| 型号 Model | 口径 Inlet Size (mm) | 转速 RPM (r/min) | 理论流量 Theoretical Capacity (L/min) | 各真空度下的吸入风量Qs (m³/min) 和所需的轴功率La (kW) 及配套电机功率 Po (kW) Inlet Flow Qs(m³/min), Shaft Power La(kW) And Motor Power Po | | | | | | | | | | | | | | | | 吸入流量 Sealing water flow (L/min) | 电机功率 Motor Power (kW) | | | | | | | |
| | | | | ~13.3kPa | | | | ~26.6kPa | | | | ~53.3kPa | | | | ~80.0kPa | | | | | | ~96.7kPa | | | | ~133.3kPa | | |
| | | | | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | Qs | La | Po | |
| RR-200R | 100* | 300 | 180 | 148.80 | 140 | 39 | 35 | 177 | 80 | 30 | 173 | 101 | 132 | 173 | 122 | 160 | 179 | 142 | 160 | 167 | 162 | 160 | 164 | 165 | 120 | 40 | 6 | |
| | | 600 | 360 | 286.43 | 136.43 | 75 | 168 | 95 | 110 | 196 | 107 | 132 | 196 | 130 | 160 | 181 | 152 | 165 | 178 | 173 | 200 | 179 | 196 | 220 | 40 | 6 | | |
| | | 900 | 540 | 397.84 | 107.84 | 75 | 194 | 97 | 110 | 192 | 107 | 110 | 132 | 190 | 123 | 160 | 187 | 150 | 185 | 184 | 178 | 200 | 181 | 201 | 220 | 40 | 6 | |
| RR-250R | 100* | 300 | 195 | 157.35 | 145 | 38 | 35 | 183 | 81 | 30 | 180 | 103 | 130 | 182 | 122 | 162 | 183 | 146 | 160 | 176 | 166 | 165 | 168 | 160 | 220 | 43 | 10 | |
| | | 600 | 390 | 314.70 | 149 | 43 | 75 | 198 | 96 | 110 | 187 | 110 | 132 | 196 | 133 | 160 | 191 | 156 | 180 | 180 | 180 | 200 | 182 | 203 | 220 | 43 | 6 | |
| | | 900 | 585 | 431.05 | 153 | 67 | 90 | 212 | 91 | 110 | 211 | 117 | 132 | 210 | 141 | 160 | 207 | 167 | 183 | 204 | 196 | 220 | 196 | 216 | 230 | 43 | 6 | |
| RR-300R | 100* | 300 | 225 | 176.79 | 139 | 43 | 35 | 196 | 96 | 110 | 197 | 110 | 122 | 196 | 113 | 160 | 191 | 156 | 185 | 190 | 188 | 200 | 187 | 203 | 220 | 43 | 6 | |
| | | 600 | 450 | 324.18 | 113 | 47 | 40 | 212 | 91 | 110 | 213 | 117 | 132 | 210 | 141 | 160 | 207 | 167 | 183 | 204 | 196 | 220 | 198 | 216 | 230 | 43 | 6 | |
| | | 900 | 675 | 427.49 | 127 | 39 | 40 | 226 | 97 | 110 | 223 | 126 | 160 | 224 | 139 | 165 | 221 | 176 | 200 | 218 | 202 | 220 | 219 | 229 | 230 | 43 | 6 | |
| RR-400R | 100* | 300 | 270 | 214.18 | 124.4 | 33 | 40 | 235.3 | 106.3 | 110 | 232.3 | 126.3 | 160 | 234.3 | 135.7 | 160 | 238.3 | 183 | 200 | 235.3 | 216.3 | 230 | 217.3 | 235.3 | 260 | 43 | 6 | |
| | | 600 | 540 | 328.18 | 133 | 31 | 40 | 254 | 98 | 110 | 252 | 129 | 160 | 251 | 144 | 165 | 229 | 179 | 200 | 225 | 209 | 230 | 223 | 236 | 230 | 43 | 10 | |
| | | 900 | 810 | 384.90 | 152 | 73 | 40 | 251 | 105 | 132 | 249 | 137 | 160 | 248 | 161 | 165 | 244 | 160 | 238 | 242 | 223 | 250 | 237 | 252 | 260 | 43 | 6 | |
| RR-500R | 100* | 300 | 360 | 281.78 | 109 | 80 | 119 | 308 | 117 | 132 | 304 | 143 | 163 | 303 | 174 | 160 | 303 | 163 | 307 | 330 | 339 | 330 | 360 | 351 | 360 | 513 | 45 | 6 |
| | | 600 | 720 | 389.30 | 106 | 45 | 119 | 362 | 117 | 132 | 362 | 117 | 163 | 362 | 164 | 220 | 160 | 317 | 230 | 270 | 231 | 269 | 268 | 264 | 312 | 43 | 6 | |
| | | 900 | 1080 | 566.30 | 294.6 | 87.4 | 119 | 385.4 | 121.7 | 160 | 380.4 | 126.3 | 163 | 380.4 | 163.4 | 220 | 380.4 | 225.3 | 339 | 364.4 | 337.4 | 360 | 378.4 | 362 | 373 | 45 | 6 | |
| RR-600R | 100* | 300 | 450 | 379.18 | 104 | 42 | 119 | 392 | 113 | 132 | 390 | 144 | 163 | 388 | 175 | 200 | 390 | 206 | 390 | 392 | 392 | 390 | 414 | 397 | 414 | 40 | 10 | |
| | | 600 | 900 | 496.85 | 103 | 47 | 119 | 401 | 120 | 160 | 399 | 154 | 165 | 395 | 273 | 166 | 420 | 271 | 420 | 420 | 411 | 434 | 405 | 403 | 405 | 513 | 40 | 10 |
| | | 900 | 1350 | 516.90 | 102 | 43 | 119 | 400 | 128 | 160 | 408 | 160 | 183 | 406 | 198 | 220 | 404 | 214 | 400 | 400 | 393 | 413 | 402 | 404 | 413 | 40 | 6 | |
| RR-800R | 100* | 300 | 540 | 435.90 | 102 | 48 | 132 | 419 | 133 | 160 | 417 | 172 | 170 | 416 | 213 | 160 | 414 | 240 | 400 | 400 | 393 | 413 | 402 | 413 | 413 | 40 | 6 | |
| | | 600 | 1080 | 545.30 | 101 | 49 | 132 | 419 | 133 | 160 | 417 | 172 | 170 | 416 | 213 | 160 | 414 | 240 | 400 | 400 | 393 | 413 | 402 | 413 | 413 | 40 | 6 | |
| | | 900 | 1620 | 675.45 | 101 | 50 | 132 | 419 | 133 | 160 | 417 | 172 | 170 | 416 | 213 | 160 | 414 | 240 | 400 | 400 | 393 | 413 | 402 | 413 | 413 | 40 | 6 | |
| RR-1000R | 100* | 300 | 675 | 532.10 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 1350 | 675.45 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 2025 | 810.68 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| RR-1500R | 100* | 300 | 1012.5 | 597.10 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 2025 | 810.68 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 3037.5 | 1012.5 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| RR-2000R | 100* | 300 | 1350 | 675.45 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 2700 | 1012.5 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 4050 | 1350 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| RR-3000R | 100* | 300 | 2025 | 1012.5 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 4050 | 1350 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 6075 | 2025 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| RR-4000R | 100* | 300 | 2700 | 1350 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 5400 | 2025 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 8100 | 2700 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| RR-6000R | 100* | 300 | 5400 | 2700 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 600 | 10800 | 4050 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |
| | | 900 | 16200 | 6075 | 107 | 100 | 132 | 512 | 134 | 160 | 510 | 144 | 160 | 513 | 190 | 240 | 511 | 219 | 500 | 523 | 500 | 527 | 508 | 503 | 577 | 457 | 48 | 6 |