Cutting Edge Engineering Roots Vacuum Pump Single stage For Improving Efficiency

Our Product Introduction

Basic Information

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

Product Specification

- Material: HT250
- Model: Roots Blower
- Flow: 0.45-452.4m³/min
- Boost: 9.8-196kpa
- Highlight: **roots vacuum pump single stage**, **single stage roots blower vacuum pump**, **452.4m³/min roots vacuum pump**

Our Product Introduction

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Product Description

Cutting-Edge Engineering: Permanent Magnet Roots Vacuum Pumps for Enhanced Efficiency

Product Characteristics

Product Features

There are many varieties and specifications, including positive pressure, negative pressure, dry type, and wet type, with the characteristics of dense flow classification and convenient user selection.
The use of specially customized imported small clearance bearings ensures reliable axial positioning of the fan impeller and easy adjustment.
The impeller adopts an integral casting structure with high precision on the blade surface (no need for trimming during assembly), making the impeller completely interchangeable.
In addition to labyrinth seals, shaft seals also have various sealing forms such as mechanical seals and packing seals to meet the transportation needs of different media.

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 ad-ministrative 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.

TECHNICAL INDEX

Single stage Roots blower flow rate: 0.95-452m3/min, pressure rise: 9.8-98kPa;
Single stage dry Roots vacuum pump flow rate: 0.51-452m3/min, vacuum degree: -9.8 to -49kPa;
Single stage wet Roots vacuum pump flow rate: 0.57-456m3/min, vacuum degree: -13.3 to -53.3kPa.

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