



High Capacity Piston Rings Air Compressor with 1170rpm Motor Rotation and Excellent Durability

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: DM
- Certification: CE;ISO
- Model Number: DM-YSJ
- Minimum Order Quantity: 1
- Price: \$200~\$100000
- Packaging Details: Wooden case
- Delivery Time: 30 Work days
- Payment Terms: T/T
- Supply Ability: 100000pcs/year



DAMAI COLD CHAIN EQUIPMENT



Product Specification

- Motor Rotation: 1170rpm
- Cooling Method: Air Cooled
- Speed: 790 R.p.m
- Power Type: Diesel
- Feature: Big Striking Force
- Rotation Speed: 1120rpm
- Tank Capacity: 20 Gallons
- Rated Displacement: 1.8-3.5 M3/min
- Highlight: **High Capacity Piston Rings Air Compressor,
1170rpm Piston Rings Air Compressor,
Excellent Durability Piston Rings Air
Compressor**

Product Description

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Scroll Compressor Overview

A scroll compressor is a sophisticated device commonly employed in various industries like heating, ventilation, air conditioning, and refrigeration systems. This advanced mechanism utilizes a pair of spiral-shaped scrolls - one fixed and the other moving in an orbit - to adeptly ensnare and compress refrigerant gas within their intertwined spirals.

The scroll compressor stands out for its exceptional efficiency in propelling compressed gas throughout the system, rendering it an indispensable element in the majority of contemporary technologies.

Key Features

One of the standout qualities of the scroll compressor is its remarkable reliability. This highly dependable equipment is extensively used across diverse sectors. Additionally, the scroll compressor is renowned for its energy-efficient performance, making it a favored option for both commercial and residential cooling and heating systems.

Noise Operation

The scroll compressor operates quietly, offering a significant advantage in settings where noise is a critical factor. Its whisper-quiet functionality proves highly beneficial in noise-sensitive environments such as healthcare facilities, workplaces, and residential structures.



Features:

Simple Structure: The scroll compressor features a straightforward design devoid of a reciprocating mechanism, highlighting its simplicity, small size, light weight, minimal parts, and high reliability.

High Efficiency and Energy Saving: The compression process of the scroll compressor is continuously seamless, ensuring remarkable energy efficiency. This characteristic renders it suitable for a broad spectrum of working conditions.

Low Noise and Low Vibration: The scroll compressor excels in its low noise and vibration levels, attributable to its limited moving parts and smooth operation. It is especially well-suited for applications requiring a quiet environment.

Easy Maintenance: Boasting an innovative structure, the scroll compressor's primary operating components mesh without experiencing wear and tear. This configuration translates to an extended lifespan and minimal maintenance costs.

Technical Parameters:

Model	Rated Horsepower	Cooling Capacity		Input Power	Displacement
ZB15KQ	2	4250	/	1370	5.9
ZB19KQ	2.5	4900	/	1550	6.8
ZB21KQ	3	6200	/	2010	8.6
ZB26KQ	3.5	7350	/	2170	9.9
ZB29KQ	4	8300	/	2560	11.4
ZB38KQ	5	10300	/	3230	14.4
ZB45KQ	6	12500	/	3760	17.2
ZB48KQ	7	13700	/	4140	18.8
ZB58KQ	8	16100	/	4890	22.1
ZB66KQ	9	18450	/	5410	25.7
ZB76KQ	10	21750	/	6360	28.8
ZB88KQ	12	24950	/	7220	33.2
ZB95KQ	13	26500	/	8180	36.4
ZB114KQ	15	31700	/	9710	43.3

Applications:

Scroll compressors are widely used in a variety of fields such as air conditioning, refrigeration systems, heat pumps, automobiles, industrial production, agriculture, transportation, medical equipment, and food processing. They are highly valued for their exceptional characteristics, which include high efficiency, energy-saving capabilities, low noise operation, and minimal maintenance requirements. These qualities have significantly contributed to their exceptional performance across a wide array of industries. One of the main reasons for the popularity of these compressors is their versatility and effectiveness in improving the operational efficiency of systems in various sectors. Whether it involves maintaining the optimal temperature in air conditioning units or powering refrigeration systems, scroll compressors are reliable and efficient components that meet a diverse set of needs.



Support and Services:

Our Piston Air Compressor product comes with comprehensive technical support and services to ensure optimal performance and reliability. Our team of experienced technicians is available to provide troubleshooting assistance, maintenance guidance, and repair services as needed. Additionally, we offer training programs to help users maximize the efficiency of their air compressors and extend their operational lifespan. Rest assured that our commitment to customer satisfaction extends beyond the initial purchase, and we are dedicated to supporting our customers throughout the entire product lifecycle.

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