



Powerful Diesel Air Compressor with Parts and Durable for Heavy-Duty Applications

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



Product Specification

- Motor Rotation: 1170rpm
- Rated Displacement: 1.8-3.5 M3/min
- Cooling Method: Air Cooled
- Feature: Big Striking Force
- Lubrication Style: Oil-less
- Power Type: Diesel
- Tank Capacity: 20 Gallons
- Valve: HERIBIGER
- Highlight: **Durable Diesel Air Compressor,
Heavy Duty Diesel Air Compressor,
Powerful Diesel Air Compressor**

Product Description

Product Description:

A piston compressor is a mechanical device that relies on the reciprocating motion of a piston to pressurize and transport gas. It is a positive displacement compressor, also known as a "reciprocating piston compressor" or "reciprocating compressor". Its working principle is based on the reciprocating motion of the piston in the cylinder.

When the piston moves toward one end of the cylinder, the volume of the working chamber decreases and the gas is compressed; conversely, the gas is sucked in. After many such cycles, the gas compression ratio and temperature gradually increase, and finally reach the predetermined pressure and temperature before being discharged.



Features:

Wide range of compression ratios: this feature can be adjusted according to specific requirements in order to accommodate various operating conditions.

Diverse displacement and power: our products range from compact 100W machines suitable for small tasks to 18.5KW industrial-grade models that cater to a wide variety of needs.

Low noise and durability: we have incorporated noise reduction technology into our designs, enabling certain models to function reliably even in challenging environments such as high temperatures and dusty conditions.

High energy efficiency and easy maintenance: take the Ingersoll Rand TS series, for instance, which features a cast iron crankcase to enhance its lifespan. In addition, Atlas Copco offerings leverage direct drive technology to lower energy consumption.

Technical Parameters:

Model	Rated Horsepower	Cooling Capacity	Input Power	Displacement
2KES-05Y	0,5	1200	0,72	4,06
2JES-07Y	0,7	1680	0,98	5,21
2HES-1Y	1	2130	1,21	6,51
2HES-2Y	2	2190	1,23	6,51
2GES-2Y	2	2540	1,45	7,58
2FES-2Y	2	3150	1,79	9,54
2FES-3Y	3	3130	1,77	9,54
2EES-2Y	2	4070	2,01	11,4
2EES-3Y	3	4070	2,02	11,4
2DES-2Y	2	4900	2,46	13,4
2DES-3Y	3	4900	2,42	13,4

Applications:

Industrial field: This sector is utilized for laser cutting, painting, and mining equipment, including the usage of a 7.5KW screw air compressor.

Refrigeration and home appliances: In this category, fully enclosed models are predominant in the household refrigerator market, while semi-enclosed models are commonly employed for cold storage preservation.

Medical and firefighting: Specialized equipment in this area includes submersible respirator inflator pumps, oxygen generator pump heads, and other devices designed for medical and firefighting applications.

Mobile and special scenarios: Danfoss DC compressors (12V/24V) are implemented for vehicle refrigeration to ensure food safety in extreme working conditions.




Support and Services:

The Product Technical Support and Services for the Piston Air Compressor include:

- Assistance with installation and setup of the compressor
- Troubleshooting guidance for any operational issues
- Maintenance recommendations to ensure optimal performance
- Repair services for any malfunctions or breakdowns
- Training programs for users to understand the operation and maintenance of the compressor
- Warranty coverage and support for any product-related issues

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