



Industrial Piston Air Compressor for Maximum Performance and 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



Product Specification

- Power Type: Diesel
- Speed: 790 R.p.m
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Valve: HERIBIGER
- Working Pressure: 5bar
- Motor Rotation: 1170rpm
- Rotation Speed: 1120rpm
- Lubrication Style: Oil-less
- Highlight: **8BAR Piston Air Compressor,
Big Striking Force Piston Air Compressor,
Industrial Piston 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: The compression ratios of the product can be easily adjusted to meet specific requirements for various working conditions.

Diverse displacement and power: The product line offers a broad spectrum of options in displacement and power, ranging from small 100W machines to powerful 18.5KW industrial-grade models, catering to a wide array of needs.

Low noise and durability: Advanced noise reduction technology ensures that some models can function reliably even in challenging environments such as high temperatures and dusty conditions.

High energy efficiency and easy maintenance: Brands like Ingersoll Rand prioritize energy efficiency and longevity. For example, the Ingersoll Rand TS series incorporates a cast iron crankcase to enhance durability. Atlas Copco products, on the other hand, minimize energy consumption through innovative direct drive technology.

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: In this sector, tools like laser cutting machines, painting equipment, and mining gear, such as the 7.5KW screw air compressor, are commonly utilized for various operations.

Refrigeration and home appliances: The household refrigerator market is mainly controlled by fully enclosed models, while semi-enclosed models are preferred for cold storage purposes.

Medical and firefighting: Specialized equipment like submersible respirator inflator pumps, oxygen generator pump heads, and

other devices are crucial in these fields for emergencies.

Mobile and special scenarios: Danfoss DC compressors (12V/24V) are specifically designed for vehicle refrigeration applications, ensuring the safety of food under extreme environmental conditions.





Support and Services:

Our Product Technical Support and Services team for the Piston Air Compressor is dedicated to providing comprehensive assistance to help you with any inquiries or issues you may have. Our experts are available to offer guidance on installation, maintenance, troubleshooting, and optimization of the compressor to ensure optimal performance.

Whether you need assistance with understanding the product specifications, troubleshooting technical issues, or scheduling maintenance services, our team is here to support you every step of the way. We are committed to delivering exceptional service to help you maximize the efficiency and longevity of your Piston Air Compressor.

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