



LBWF-25L 2*0.75HP Diesel Air Compressor For Pneumatic Tools for Heavy-Duty Applications and Construction Sites

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

- Work Air Pressure: 8BAR
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Lubrication Style: Oil-less
- Valve: HERIBIGER
- Rotation Speed: 1120rpm
- Speed: 790 R.p.m
- Power Type: Diesel
- Motor Rotation: 1170rpm
- Highlight: **Heavy Duty Diesel Air Compressor,
Construction Sites Diesel Air Compressor,
Pneumatic Tools 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:

- 1. Wide range of compression ratios:** The compression ratios of our products can be easily adjusted based on demand, making them versatile and adaptable to various working conditions.
- 2. Diverse displacement and power:** Our range includes machines starting from mini 100W models suitable for small applications to powerful industrial-grade machines with up to 18.5KW of power, catering to a wide spectrum of needs.
- 3. Low noise and durability:** Our compressors are equipped with advanced noise reduction technology, allowing some models to function reliably in challenging environments such as high temperatures and dusty settings.
- 4. High energy efficiency and easy maintenance:** For instance, the Ingersoll Rand TS series incorporates a cast iron crankcase for enhanced durability and extended service life. Atlas Copco products utilize direct drive technology to minimize energy consumption, resulting in high efficiency and straightforward maintenance requirements.

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 commonly utilized for laser cutting, painting, and mining equipment, including the 7.5KW screw air compressor.

Refrigeration and Home Appliances: The market for home refrigerators is largely dominated by fully enclosed models, while semi-enclosed models are employed for cold storage preservation.

Medical and Firefighting: Special equipment in this category includes submersible respirator inflator pumps, oxygen generator pump heads, and other related devices.


Mobile and Special Scenarios: In this segment, Danfoss DC compressors (12V/24V) are utilized for vehicle refrigeration to maintain food safety even in extreme working conditions.



Support and Services:

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

- Troubleshooting assistance for any operational issues
- Guidance on maintenance and servicing schedules
- Access to replacement parts and components
- Warranty coverage details and claims process
- On-site repair services or recommendations for authorized service centers

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