



Industrial Grade LBWF-25L 2*1HP Electric Air Compressor for Heavy Machinery and Equipment

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

- Tank Capacity: 20 Gallons
- Power Type: Diesel
- Cooling Method: Air Cooled
- Motor Rotation: 1170rpm
- Valve: HERIBIGER
- Rotation Speed: 1120rpm
- Lubrication Style: Oil-less
- Feature: Big Striking Force
- Highlight: Industrial Grade Electric Air Compressor,
2*1HP Electric Air Compressor,
Heavy Machinery Electric 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:

Product Features

Wide range of compression ratios: can be adjusted according to demand to adapt to different working conditions.
Diverse displacement and power: from mini 100W small machines to 18.5KW industrial-grade models, covering a wide range of needs.
Low noise and durability: using noise reduction technology, some models can operate stably in harsh environments (high temperature, dust).
High energy efficiency and easy maintenance: For example, the Ingersoll Rand TS series uses a cast iron crankcase to extend its service life; Atlas Copco products reduce energy consumption through direct drive technology.

Technical Parameters:

Lubrication Style	Oil-less
Feature	Big Striking Force
Tank Capacity	20 Gallons
Rated Displacement	1.8-3.5 M3/min
Power Type	Diesel
Rotation Speed	1120rpm
Series	LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
Valve	HERIBIGER
Work Air Pressure	8BAR
Phase	Single, Three

Applications:

Industrial field: In the industrial sector, various processes like laser cutting, painting, and the operation of mining equipment (such as the 7.5KW screw air compressor) are commonly carried out.
Refrigeration and home appliances: The home refrigerator market is predominantly influenced by fully enclosed models, while semi-enclosed models find application in cold storage for preservation purposes.
Medical and firefighting: Special equipment like submersible respirator inflator pumps, oxygen generator pump heads, and others are utilized in medical and firefighting sectors.
Mobile and special scenarios: Danfoss DC compressors (12V/24V) are deployed in vehicle refrigeration for ensuring 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 procedures and schedules.
- Replacement parts availability and ordering process.
- Warranty information and claims process.
- On-site repair and servicing options.



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