



LBWF-25L 2*0.75HP Air Compressor System 5bar Pressure 1120rpm Rotation Speed

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

- Speed: 790 R.p.m
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Valve: HERIBIGER
- Rated Displacement: 1.8-3.5 M3/min
- Item: Air Compressor
- Phase: Single Three
- Rotation Speed: 1120rpm
- Working Pressure: 5bar
- Highlight: **2*0.75HP Air Compressor System,
25L Air Compressor System**

Product Description

Product Description:

A piston compressor is a mechanical device that utilizes the reciprocating motion of a piston to pressurize and transport gas. It is categorized as a positive displacement compressor, often referred to as a "reciprocating piston compressor" or "reciprocating compressor". The core of its operation lies in the back-and-forth movement of the piston within the cylinder.

During operation, as the piston moves towards one end of the cylinder, the volume of the working chamber diminishes, leading to the compression of the gas. Conversely, when the piston moves in the opposite direction, the gas is drawn into the chamber. Through numerous cycles of this compression and suction process, the gas experiences an incremental rise in compression ratio and temperature. Ultimately, the gas in the chamber reaches the desired pressure and temperature levels prior to being expelled. This gradual increment in compression ratio and temperature is a fundamental aspect of how piston compressors function.



Features:

With a wide range of compression ratios, our compressors can be adjusted according to demand to adapt to different working conditions. This flexibility ensures optimal performance and efficiency.

Our compressors offer diverse displacement and power options, ranging from mini 100W small machines to 18.5KW industrial-grade models. This wide range of choices ensures that we can meet all your needs effectively.

Our compressors are designed for low noise and durability, incorporating noise reduction technology to operate stably even in harsh environments such as high temperatures and dust. This ensures reliable performance in various conditions.

For high energy efficiency and easy maintenance, our compressors are equipped with advanced features. For example, the Ingersoll Rand TS series utilizes a cast iron crankcase to extend its service life, while Atlas Copco products reduce 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: This sector utilizes various equipment for laser cutting, painting, and mining activities, including a 7.5KW screw air compressor.

Refrigeration and home appliances: The home refrigerator market is mainly dominated by fully enclosed models, while semi-enclosed models are commonly used for cold storage preservation.

Medical and firefighting: Specialized equipment like submersible respirator inflator pumps and oxygen generator pump heads are essential in medical and firefighting scenarios.

Mobile and special scenarios: Danfoss DC compressors (12V/24V) are deployed in vehicle refrigeration applications to maintain food

safety 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
- Repair and maintenance services to keep the compressor in optimal condition
- Guidance on proper usage and maintenance practices
- Access to replacement parts and accessories
- Training resources for users to operate the compressor effectively



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