



Semi-Hermetic Screw Compressor Semi-Closed Refrigeration Compressor for Cold Storage

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
- Tank Capacity: 20 Gallons
- Phase: Single Three
- Speed: 790 R.p.m
- Rated Displacement: 1.8-3.5 M3/min
- Series: LBWF-25L(2*0.75HP), LBWF-25L(2*1HP)
- Rotation Speed: 1120rpm
- Item: Air Compressor
- Highlight: Semi-Closed Refrigeration Screw Compressor,
Semi-Hermetic Screw Compressor,
Cold Storage Semi-Hermetic Screw Compressor

Semi-Hermetic Screw Compressor Semi-Closed Refrigeration Compressor for Cold Storage

Product Description:

The reciprocating compressor is a mechanical device that compresses gas using reciprocating motion (usually through a piston). It is widely used in various industrial and commercial cooling systems, including refrigeration, air conditioning, and gas compression. Reciprocating compressors are suitable for applications that require high pressure and high efficiency due to their stable performance and strong gas compression capabilities.



Features:

Simple Structure

The main components of the piston compressor include cylinder, piston, crankshaft, connecting rod, valve, and seal. It has a simple structure and is easy to maintain.

High Pressure Output

It can achieve a higher gas compression ratio in a smaller volume, making it suitable for occasions requiring higher pressure.

Adjustable Displacement

By adjusting the stroke of the piston or changing the number of cylinders, the exhaust volume can be adjusted to meet the needs of different loads.

High Efficiency

Especially under stable load conditions, the compression efficiency of the piston compressor is high, effectively improving the energy efficiency ratio.

Technical Parameters:

Model	Rated Horsepower	Cooling Capacity	Displacement
6H-25.2	25/18.5	42600	110.5
6H-35.2	35/25.5	46200	110.5
6G-30.2	30/22	53500	126.8
6G-40.2	40/30	53500	126.8
6F-40.2	40/30	63600	151.6
6F-50.2	50/37	63600	151.6

Applications:

Refrigeration Industry:

Piston compressors are widely utilized in commercial and industrial refrigeration systems, including large cold storage facilities, refrigerators, and air conditioning systems, particularly in low and medium temperature applications.

Air Conditioning System:

In commercial and residential air conditioning systems, piston compressors play a crucial role in compressing and circulating refrigerants to regulate air temperature.

Air Compression:

Piston compressors are extensively employed in air compressors to supply compressed air for pneumatic tools. They find application in various sectors such as factories, construction sites, and automobile repair workshops.

Gas Transportation:

For the transportation of gases like natural gas, nitrogen, and hydrogen, piston compressors prove effective in compressing these gases to meet the desired pressure levels.

Oil and Gas Industry:

Piston compressors are integral in the pressurization and transportation processes of natural gas within the oil and gas industry, as they are used to compress high-pressure gases.



Support and Services:

Our Piston Air Compressor product comes with comprehensive technical support and services to ensure optimal performance and customer satisfaction. Our team of experts is available to assist with installation, troubleshooting, and maintenance to keep your compressor running smoothly.



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