



## Industry Durable Piston Air Compressor with Advanced Noise Reduction Technology

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
- Item: Air Compressor
- Speed: 790 R.p.m
- Phase: Single Three
- Working Pressure: 5bar
- Feature: Big Striking Force
- Lubrication Style: Lubricated
- Rotation Speed: 1120rpm
- Highlight: **Industry Durable Piston Air Compressor,  
Durable Piston Air Compressor,  
Advanced Noise Reduction Piston Air  
Compressor**

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## 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, which has a simple structure and is easy to maintain.

### High Pressure Output

It can achieve a higher gas compression ratio in a smaller volume, which is 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, which can effectively improve the energy efficiency ratio.

## Technical Parameters:

Model	Rated Horsepower	Cooling Capacity	Input Power	Displacement
HSN5343-20	20	31750	25,30	84
HSN5353-25	25	37200	28,70	100
HSN5363-30	30	42950	32,40	118
HSN6451-40	40	51500	36,10	140
HSN6461-50	50	59100	42,90	165
HSN7451-60	60	71100	52,20	192
HSN7461-70	70	81100	55,80	220
HSN7471-75	75	85500	60,90	250

## Applications:

### Refrigeration industry:

Piston compressors are widely used in commercial and industrial refrigeration systems, such as large cold storage, refrigerators and air conditioning systems, especially low and medium temperature applications.

### Air conditioning system:

In commercial and residential air conditioning systems, piston compressors are used to compress and circulate refrigerants.

### Air compression:

Piston compressors are widely used in air compressors to provide compressed air for pneumatic tools, and are widely used in factories, construction, automobile repair and other fields.

### Gas transportation:

For the transportation of gases such as natural gas, nitrogen, and hydrogen, piston compressors can effectively compress these gases to

the required pressure level.  
Oil and gas industry:  
In the process of pressurizing and transporting natural gas, piston compressors are used to compress high-pressure gases.



**Support and Services:**

- The Product Technical Support and Services for the Piston Air Compressor include: -----
- Assistance with product installation and setup
  - Troubleshooting guidance for any operational issues
  - Maintenance tips and service recommendations
  - Warranty information and claims process
  - Product training and user manual access

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