



06DR316 5HP Commercial Semi Hermetic Compressor Price

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06DR316
- Minimum Order Quantity: 1
- Price: Discussed
- Packaging Details: WOODEN CASE
- Delivery Time: 1 Month
- Payment Terms: Western Union,T/T
- Supply Ability: 100PC



Product Specification

- Condensertype: Air-cooled
- Commercial Refrigeration: HVAC&Cooling Units
- Horse Power: 5HP
- Refrigerant: R22, R134a, R404A, R407C, R507, R407A
- Compressor Type: Semi Hermetic Piston
- Highlight: **5HP semi hermetic compressor, commercial semi hermetic compressor, semi hermetic compressor with warranty**



More Images



Product Description

06DR316 5HP Commercial Semi Hermetic Compressor

Product Overview

Maximizing Commercial Cooling ROI with Precision Valves

This 5HP commercial cooling unit offers an attractive **semi hermetic compressor price** for cold storage operators and food preservation facilities requiring consistent thermal control. It resolves common cooling capacity drops during peak refrigeration cycles by utilizing high-flow suction ports and low-pressure valve plates manufactured from Swedish steel. Furthermore, contoured pistons combined with vented connecting rods optimize cylinder clearance and maintain continuous bearing lubrication, enabling long-term operational efficiency.

Eliminating Startup Wear and Thermal Overload Hazards

Sudden pressure fluctuations and cold starts often lead to crankcase oil dilution and motor burnout in standard refrigeration networks. This heavy-duty model offers an unbeatable **semi hermetic compressor price** relative to its heavy-duty lifespan, solving these systemic vulnerabilities with an oversized oil sump that keeps oil levels safely above minimum operating thresholds upon startup. Supported by a 50% suction cutoff unloading system and a bidirectional vane oil pump, the unit operates at much lower temperatures than hot gas bypass designs.

Enhancing Heavy-Duty Motor Protection and Bearing Strength

Designed to withstand continuous commercial duty, the system incorporates enlarged suction passages that minimize gas turbulence, reduce pressure drops, and maximize motor cooling performance. Main bearing surfaces are constructed from steel-backed aluminum alloy or tin babbitt materials, providing exceptional load capacity and corrosion resistance, allowing system integrators to secure an economical **semi hermetic compressor price** without sacrificing performance.

Product Image



Technical Specifications

Parameter Name	Standard Specifications
Model	06DR316
Nominal Power	5 HP
Refrigerant Type	R22, R134a, R404A, R407C, R507, R407A
Rated Current	8.6 A

Oil Charge	2.1 L
Weight	107 kg

Company Introduction

Ruifujie is a modern industrial refrigeration enterprise with over 20 years of manufacturing experience. We provide full-scope OEM/ODM customization services for regional voltage standards, customized frames, and multi-refrigerant systems. Our machinery is exported globally to major overseas markets, including Russia, the United Kingdom, and the United States. Backed by solid technical strength, competitive pricing, and reliable product performance, Ruifujie maintains strong, enduring partnerships with international distributors and consistently earns high client praise worldwide.



Frequently Asked Questions

Q1: What are the suction and discharge port sizes for the 06DR316 compressor model?

A1: The 06DR316 model features a 28 mm (1-1/8 in) suction port connection and a 19 mm (5/8 in) discharge port connection, suitable for standard commercial refrigeration piping networks.

Q2: How does the suction cutoff unloading function benefit medium-capacity cold rooms?

A2: The integrated 50% capacity modulation deactivates suction to specific cylinders during low thermal demand periods, cutting power consumption while maintaining lower operating temperatures than traditional hot gas bypass setups.

Q3: What electrical parameters are required to receive an accurate official price quotation?

A3: To receive an exact quote within 8 hours, please provide your operating voltage, required cooling capacity, refrigerant type, and working ambient conditions.

Q4: What trade terms and payment methods are supported for international shipments?

A4: We standardly offer FOB Shenzhen or EXW trade terms with USD settlement, supporting secure Telegraphic Transfer (TT) and Western Union payments.

Q5: What is the warranty policy for your commercial semi-hermetic compressors?

A5: All our product lines come with a comprehensive 1-year warranty covering manufacturing quality and performance.

Engineering Project Quotation & Budgeting

Whether you are designing a new commercial cold room or upgrading existing equipment, Ruifujie offers full technical consultation and

precise component matching to optimize your operational budget. Our engineering team will review your project parameters to evaluate your system requirements and receive a factory-direct **semi hermetic compressor price** quote within 8 hours. Please send your detailed project parameters, operating conditions, and purchasing quantity today.



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