



06NA2209S7EA-A00 100HP R134a Commercial Refrigeration Screw Compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06NA2209S7EA-A00
- 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

- Compressor Type: Screw
- Condensertype: Air-cooled
- Commercial Refrigeration: HVAC&Cooling Units
- Refrigerant: R134a
- Horse Power: 100HP
- Highlight: **100HP R134a screw compressor, commercial refrigeration screw compressor, R134a screw air compressor**



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Product Description

06NA2209S7EA-A00 100HP R134a Commercial Refrigeration Screw Compressor

Product Overview

High-performance refrigeration screw compressor designed for large-scale air conditioning and industrial chilling systems with superior efficiency and reliability.

Key Features

- Economizer Performance:** Dedicated 1-3/8" economizer interface increases liquid refrigerant subcooling to enhance cooling output without additional power consumption
- Smart Capacity Control:** 3-step capacity control system (100%-66%-33%) dynamically matches variable cooling loads
- Heavy-Duty Construction:** Patented rotor geometry with SKF/NSK bearings and internal check valve prevents reverse rotation
- Integrated Protection:** Built-in oil filter, discharge muffler, and internal safety relief valve for reduced maintenance
- Global Compliance:** UL, CE, and ISO 9002 certified with R134a refrigerant compatibility
- Dual Voltage Operation:** Supports 400V/50Hz and 460V/60Hz for worldwide applications

Product Image



Technical Specifications

Model	06NA2209S7EA-A00
Nominal Power	85 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	209 CFM / 290 m³/h

Economizer	Yes
Rated Voltage (V-Hz, A)	460V-60Hz-152A 400V-50Hz-147.4A
Weight	405 kg
Port Connections	2-5/8" suction, 4-1/8" discharge, 1-3/8" economizer

Type	Displacement	Interface Size			Model	Economizer	Horse Power (HP)	Rated Voltage (V-Hz, A)			Locked Rotor Current (A)		Weight (KG)
	60/50Hz	Suction	Discharge	Economizer		Y/ N		Voltage/Freq	RLA	PF	LRA(Y)	LRA(Δ)	
Air Cooled Vt	209CFM 290m³/s	2-5/8	4-1/8	1-3/8	06NA*209S7EA	Y	100	460-60	152	0.87	291	920	405
					400-50			147.4	0.84	303	960		
					575-60			121.6	0.87	233	736		
					230-50			256.4	0.84	485	1533		
					380-60			184	0.87	321	1017		
					346-50			170.4	0.84	334	1056		
					208/230-60			319.2	0.87	581	1840		
					200-50			294.8	0.84	607	1920		
	200-60	349.6	0.87	669	2116								

Manufacturer Profile

Ruifujie is a modern industrial refrigeration supplier with over 20 years of manufacturing expertise, specializing in high-performance compressors and complete cold room systems. We offer comprehensive OEM/ODM customization options and export worldwide to major international markets including Mexico, Italy, and South Africa.



Frequently Asked Questions

What are the exact displacement figures and port connections for the 06NA2209S7EA-A00 model?

The 06NA2209S7EA-A00 delivers a displacement of 290 m³/h at 50Hz (209 CFM at 60Hz), featuring a 2-5/8" suction port, 4-1/8" discharge port, and a 1-3/8" economizer interface.

How does the economizer function enhance performance on this 100HP screw compressor?

Connecting a subcooling circuit to the economizer port increases liquid refrigerant subcooling, boosting total cooling capacity and system efficiency without increasing power draw.

What internal protective components are integrated into this compressor housing?

The compressor includes an internal check valve to prevent reverse rotation, an internal safety relief valve, a built-in oil filter, a discharge muffler, and NTC thermistors for motor thermal protection.

What is the MOQ for this model?

Our standard Minimum Order Quantity (MOQ) is 1 unit for stocked models.

How is this 405 kg heavy-duty screw compressor packaged for ocean freight?

Each compressor unit is securely bolted onto a reinforced wooden pallet, wrapped in moisture-proof anti-corrosion film, and fully enclosed in a heavy-duty export plywood crate.

Contact Our Supply Specialists

Streamline your commercial refrigeration supply chain with reliable manufacturing and global shipping support. Ruifujie supports international contractors with full technical documentation, flexible order quantities, and custom packaging solutions. Contact us with your project details and target model requirements today to get your detailed commercial proposal and lead time estimate within eight hours.



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