



06NA2209S7NA-A00 90HP Air Cooled Semi Hermetic Screw Compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06NA2209S7NA-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: 90HP
- Highlight: 90HP air cooled screw compressor, semi hermetic screw air compressor, 90HP screw compressor with warranty



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Product Description

06NA2209S7NA-A00 90HP Air Cooled Semi Hermetic Screw Compressor

Product Overview

This high-efficiency semi hermetic screw compressor delivers reliable performance for large commercial HVAC and fluid chilling applications with advanced capacity modulation and robust construction.

Precision Capacity Control

Equipped with a 3-step capacity modulation system (100%-66%-33%) driven by dual solenoid valves, this compressor dynamically matches changing cooling demands to reduce power consumption during off-peak hours, lowering demand charges and long-term operating expenses.

Robust Construction & Reliability

Built with patented high-precision rotor geometry, heavy-duty SKF/NSK bearings, and an internal check valve, this compressor eliminates reverse rotation at shutdown and minimizes gas bypass leakage. An integrated oil filter, safety relief valve, and discharge muffler ensure smooth, quiet, and continuous performance under severe duty conditions.

Environmental Compliance & Versatility

Certified under UL, CE, and ISO 9002 standards, this compressor operates efficiently on eco-friendly R134a refrigerant. Featuring high-efficiency motor windings with integrated NTC thermal protection and dual-voltage support (400V/50Hz, 460V/60Hz), it offers a seamless replacement solution for air-cooled liquid chillers worldwide.

Product Image



Technical Specifications

Model	06NA2209S7NA-A00
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Nominal Power	90 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	209 CFM / 290 m³/h
Economizer	N
Rated Voltage (V-Hz, A)	460V-60Hz-136.4A 400V-50Hz-132.5A
Weight	400 kg

Type	Displacement	Interface Size			Compressor	Economizer	Horse Power (HP)	Rated Voltage (V-Hz, A)			Locked Rotor Current (A)		Weight (KG)
	60/50Hz	Suction	Discharge	Economizer	Model Number	Y / N		Voltage/Freq	RLA	PF	LRA(Y)	LRA(Δ)	
Air Cooled VI	209CFM 290m³/s	2-5/8	4-1/8	1-3/8	06NA*209S7NA	N	90	460-60	136.4	0.86	259	820	400
					06NA*209T6NA			400-50	132.5	0.83	270	856	
					06NA*209U5NA			575-60	109.2	0.86	207	656	
					06NA*209W7NA			230-50	230.5	0.83	432	1367	
					06NA*209X7NA			380-60	165.2	0.86	286	906	
					06NA*209Z6NA			346-50	163.2	0.83	297	941	
					06NA*209S7NA			208/230-60	286.6	0.86	518	1640	
					06NA*209S7NA			200-50	265.1	0.83	541	1711	
					06NA*209S7NA			200-60	313.8	0.86	596	1886	
					06NA*209S7NA			200-60	313.8	0.86	596	1886	

Company Introduction

Ruifujie is a modern industrial refrigeration supplier with over 20 years of manufacturing expertise, specializing in high-performance scroll, piston, rotary, semi-hermetic, and screw compressors, as well as complete cold room systems and ice machinery. We offer comprehensive OEM/ODM customization options to adapt equipment to localized voltage standards and regional engineering demands. Our machinery is exported worldwide to major international markets including France, Peru, and Thailand, earning trusted long-term partnerships with global contractors and equipment distributors.



Frequently Asked Questions

Q1: What are the exact displacement specifications and connection dimensions for the 06NA2209S7NA-A00?

A1: The 06NA2209S7NA-A00 model yields a displacement of 290 m³/h at 50Hz (209 CFM at 60Hz), featuring a 2-5/8 in suction port and a 4-1/8 in discharge port.

Q2: Does this 90HP semi hermetic screw compressor include an economizer port?

A2: No, the 06NA2209S7NA-A00 is the standard non-economizer version designed for direct-expansion air-cooled chiller systems.

Q3: What safety and protective components are built into this compressor housing?

A3: The unit features an internal check valve to prevent reverse rotation, an internal safety relief valve, an integrated oil filter, a discharge muffler, and NTC thermistor thermal sensors.

Q4: What is the standard delivery lead time?

A4: Standard bulk production orders are completed and prepared for dispatch within 10 to 15 working days, while stocked sample units can be shipped within 3 business days.

Q5: How is this unit packaged for export shipping?

A5: Each compressor 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.

Request Bulk Order Pricing

Ruifujie leverages large-scale manufacturing capabilities to deliver competitive factory-direct pricing for international distributors and volume buyers. We offer transparent wholesale tier discounts and optimized container loading to maximize your commercial profit margins. Send us your required order quantity and target product specifications today to receive a formal quotation within 8 hours.



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