



06NA2300S5EA-A00 140HP Semi-Hermetic Screw Type Refrigeration Compressor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06NA2300S5EA-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: 140HP
- Highlight: **140HP screw refrigeration compressor, semi-hermetic screw compressor, screw type refrigeration compressor with warranty**



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Product Description

06NA2300S5EA-A00 140HP Semi-Hermetic Screw Type Refrigeration Compressor

Product Overview

Advanced semi-hermetic screw compressor designed for high-capacity central cooling and industrial liquid chilling applications.

Energy Efficiency Features

- Integrated 1-3/8" economizer interface for enhanced liquid refrigerant subcooling
- 3-step capacity modulation system (100%-66%-33%) for dynamic load matching
- Reduces peak electrical charges while maintaining cooling output

Durability & Reliability

- Patented high-precision rotor geometry for optimal performance
- Heavy-duty SKF/NSK bearings and internal check valve
- Integrated oil filter, safety relief valve, and discharge muffler
- Eliminates reverse rotation at shutdown and minimizes gas bypass leakage

Compliance & Compatibility

- UL, CE, and ISO 9002 certified
- Optimized for eco-friendly R134a refrigerant
- High-efficiency motor windings with NTC thermal protection
- 400V/50Hz power supply support for global applications

Product Image



Technical Specifications

Model	06NA2300S5EA-A00
Nominal Power	140 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	300CFM / 416m³/h
Economizer	Yes
Rated Voltage (V-Hz, A)	400V-50Hz-221.8A
Weight	415 kg

Type	Displacement	Interface Size			Model	Economizer Y/ N	Horse Power (HP)	Rated Voltage (V-Hz, A)			Locked Rotor Current (A)		Weight (KG)
		Suction	Discharge	Economizer				Voltage/Freq	RLA	PF	LRA(Y)	LRA(Δ)	
Air Cooled Vt	300CFM 416m³s	2-5/8	4-1/8	1-3/8	06NA*300SSEA	Y	140	400-50	221.8	0.86	400	1265	415
					06NA*300USEA			230-50	385.8	0.86	638	2020	
					06NA*300WSEA			346-50	256.4	0.86	439	1391	
					06NA*300WSEA			200-50	443.7	0.86	799	2529	

Manufacturer Profile

Ruifujie is a modern industrial refrigeration supplier 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 Argentina, Spain, and Australia, earning trusted long-term partnerships with global contractors and equipment distributors.



Frequently Asked Questions

What are the exact displacement figures and interface port sizes for the 06NA2300S5EA-A00?

The 06NA2300S5EA-A00 delivers a high displacement of 416 m³/h at 50Hz (300 CFM at 60Hz), featuring a 2-5/8" suction port, 4-1/8" discharge port, and 1-3/8" economizer interface.

How does the economizer circuit enhance performance on this 140HP screw compressor?

Connecting a subcooling circuit to the economizer port increases liquid refrigerant subcooling, significantly boosting cooling capacity and system COP without increasing motor power consumption.

What electrical ratings are specified for the 06NA2300S5EA-A00 unit?

The unit operates on 400V-3-50Hz voltage, featuring a Rated Load Amperage (RLA) of 221.8 A and Locked Rotor Amperage (LRA) of 400 A (Y) / 1265 A (Δ).

What is the standard production lead time for bulk orders?

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

How is this heavy 415 kg compressor unit packaged for international shipping?

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.

Complete Procurement Solutions

Ruifujie simplifies global refrigeration supply chains by delivering complete cooling packages, integrating compressors, condensers, and evaporator refrigeration units into one streamlined order. We manage precision component matching, export packaging, and shipping logistics to minimize your overall sourcing complexity. Forward your bill of quantities and destination port details now to receive an integrated solution quote within 8 hours.

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