



06NW2174S7EA-A00 60HP Screw Refrigeration Compressor for Cold Room Chiller

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Carlyle
- Certification: CE
- Model Number: 06NW2174S7EA-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: Water-cooled
- Commercial Refrigeration: HVAC&Cooling Units
- Refrigerant: R134a
- Horse Power: 60HP
- Highlight: 60HP screw refrigeration compressor, cold room chiller compressor, screw air compressor with warranty



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Product Description

06NW2174S7EA-A00 60HP Screw Refrigeration Compressor for Cold Room Chiller

Product Overview

Lowering Expenses via Economizer Boosting: Equipped with a dedicated 1-3/8 in economizer interface, this high-efficiency screw refrigeration compressor increases liquid refrigerant subcooling, boosting cooling capacity without proportional power increase. Combined with 3-step capacity modulation (100%-66%-33%), it dynamically adjusts output to match operational demands.

High Reliability Under Severe Duty: Built with patented rotor geometry, heavy-duty SKF/NSK bearings, and internal check valve to prevent rotor reverse rotation at shutdown while reducing internal gas bypass leakage. Features integrated oil filter, safety relief valve, and discharge muffler for smooth, quiet operation.

Eco Compliance and Universal Flexibility: Operates on eco-friendly R134a refrigerant with UL, CE, and ISO 9002 certifications. Includes high-efficiency motor windings with integrated NTC thermal protection and supports dual-voltage operation (400V/50Hz, 460V/60Hz) for worldwide compatibility.

Product Image



Technical Specifications

Model	06NW2174S7EA-A00
Nominal Power	60 HP
Refrigerant Type	R134a
Displacement (60/50Hz)	174CFM / 241m³/s
Economizer	Y

Rated Voltage (V-Hz, A)	450V-50Hz-83.4A 400V-50Hz-81.5A
Weight	375 kg

Type	Displacement 60/50Hz	Interface Size			Model	Econo mizer 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)	
Water Cooled Vi	174CFM 241m3/s	2-5/8	4-1/8	1-3/8	06NW*174S7EA	Y	60	460-60	83.4	0.87	153	485	375
					06NW*174T6EA			400-50	81.5	0.85	160	506	
					06NW*174U5EA			575-60	66.7	0.87	123	388	
					06NW*174W7EA			230-50	141.7	0.85	255	808	
					06NW*174X7EA			380-60	100.9	0.87	169	536	
					06NW*174X7EA			346-50	94.2	0.85	176	556	
					06NW*174Z6EA			208/230-60	175.1	0.87	307	970	
					06NW*174Z6EA			200-50	162.9	0.85	320	1012	
					06NW*174Z6EA			200-60	191.8	0.87	352	1116	

Company Introduction

Ruifujie is a modern scaled manufacturing enterprise with over 20 years of expertise in the industrial cooling sector. We specialize in producing scroll, piston, rotary, semi-hermetic, and screw compressors, alongside complete cold storage rooms, quick-freezing installations, and ice machines.

Offering comprehensive OEM/ODM customization across all product lines, Ruifujie exports machinery globally to key international markets, including Russia, the USA, the UK, the UAE, and Saudi Arabia. Recognized for exceptional cost-performance and robust engineering capabilities, we maintain long-term partnerships with global procurement buyers while consistently receiving high praise from overseas clients.



Frequently Asked Questions

Q1: What are the exact displacement for the 06NW2174S7EA-A00?

A1: The 06NW2174S7EA-A00 model delivers a displacement of 241 m³/h at 50Hz (174 CFM at 60Hz).

Q2: How does the water-cooled Vi 2.5 configuration benefit industrial liquid chillers?

A2: The built-in Vi 2.5 gear ratio is specifically optimized for lower pressure ratios typical of water-cooled systems, maximizing COP and preventing over-compression energy losses in liquid chilling applications.

Q3: What internal protective features are integrated into this 60HP screw compressor housing?

A3: The unit includes an internal check valve to prevent reverse rotation at shutdown, an internal safety relief valve, an integrated oil filter, a discharge muffler, and NTC thermistors for winding thermal defense.

Q4: What technical details are required to receive a formal quotation for Ruifujie products?

A4: To receive a formal price quote within 8 hours, please provide your required cooling capacity, operating voltage, target refrigerant, and working ambient conditions.

Q5: What is the standard warranty coverage for Ruifujie machinery?

A5: Ruifujie provides a standard 1-year warranty across all equipment and compressor product categories.

Join Distributor Partnership Program

Ruifujie supports regional channel partners worldwide with stable manufacturing capacity, localized technical collateral, and protected commercial terms. Our direct factory cooperation secures your local market competitiveness while providing ongoing engineering backup for sustained business growth.

Contact our sales team with your company profile and regional distribution targets to receive a detailed partnership proposal within 8 hours.

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