

Compresor, Copeland, Hermetico,  
CRK3-0325-PFJ, 3.5 T, HCFC, R22, 50  
Hz, 1 PH, 220/240 V, 3.25 hp, 40.600  
BTU

Category: compressor

written by Amina | 25 October 2023



# Compresor Copeland Hermetico CRK3-0325-PFJ

Datos Técnicos

CRK3-0325-PFJ

HCFC, R-22, 50 Hz, 1 -phase, 220/240 V

The Copeland CRK3-0325-PFJ is a 3.25 horsepower hermetic compressor. It is designed for use in refrigeration and air conditioning applications. The compressor has a voltage rating of 200-230V and a phase rating of 1PH. It has a cooling capacity of 40,600 BTU. Here is a summary of the key specifications of the Copeland CRK3-0325-PFJ compressor:

Horsepower: 3.25 HP

Voltage: 200-230V

Phase: 1PH

Cooling capacity: 40,600 BTU

This compressor is a popular choice for a variety of applications, including:

Commercial refrigeration

Industrial air conditioning

Residential central air conditioning

Heat pumps

Air Conditioning

Performance

Evaporator Temp(°F) 45.00 45.00

Condensing Temp(°F) 130.00 100.00

Return Gas (°F) 65 65

Liquid Temp (°F) 115 85

Capacity (Btu/hr) 35200 46700

Power (W): 3450 2810

EER (Btu/Wh): 10.20 16.60

Mass Flow (Ibs/hr): 515 600

Current (Amps): 16.90 13.70

Sound Data

Sound Power (dBA): 72 Avg 77 Max

Vibration (mils(peak-peak)): 2.500 Avg 3.500 Max

Record Date: 2004-08-19

Overall Length (in): 9.44

Mechanical

Displ(in<sup>3</sup>/Rev): 4.49

Displ(ft<sup>3</sup>/hr): 452.06

Overall Width (in): 9.00

Overall Height (in): 15.06

Mounting Length (in): 7.50

Mounting Width (in): 7.50

Mounting Height (in): 15.44\*

Suction Size (in): 3/4 Stub

Discharge Size (In): 3/8 Stub

Initial Oil Charge (oz): 55  
Oil Recharge (oz): 51  
Net Weight (lbs): 70.00  
Internal Free Volume (in<sup>3</sup>): 405.00  
Horse Power: NA  
\*Overall compressor height on Copeland Brand Product's specified mounting grommets.  
Electrical  
LRA-High\*: 96.0  
LRA Low\*: NA  
LRA-Half Winding: NA  
MCC (Amps): 27.5  
Max Operating Current: 2900  
RLA(=MCC/1.4;use for contactor selection): 19.  
RLA(=MCC/1.56;use for breaker & wire size selection): 17.6  
RPM: NA  
UL File No: SA-2337  
UL File Date: 28-Dec-1984  
\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.  
Capacitors  
Type: Start Capacitor  
Part No: 014-0008-65  
Low MFD: 64.0  
High MFD: 77.0  
Volts: 330  
User Description: LOW TORQUE  
Type: Start Capacitor  
Part No: 014-0008-71  
Low MFD: 189.0  
High MFD: 227.0  
Volts: 220  
User Description: HIGH TORQUE  
Type: Run Capacitor  
Part No: 014-0037-12  
Low MFD: 40.0  
High MFD: 0.0  
Volts: 370  
User Description: NA  
Alternate Applications  
Refrigerante: R-22 HCFC  
Voltaje: 265  
Fase: 1  
Freq (Hz): 60  
Aplicación: Air Conditioning  
Refrigerante: R-22 HCFC  
Voltaje: 265  
Fase: 1  
Freq (Hz): 60  
Aplicación: High Temp

Refrigerante: R-22 HCFC

Voltaje: 220/240

Fase: 1

Freq (Hz): 50

Aplicación: High Temp

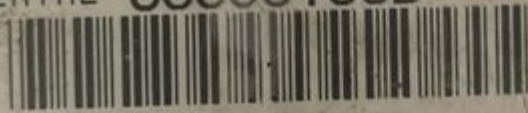
**Compresor Copeland Hermetico CRK3-0325-PFJ**

2T	CR24K6-PFV	CR24KQ-PFV	CR24K7-PFV	CRD1-0200-PFV	CR24KF-PFV		ZR25K5-PFV
	CR24K6-PFJ			CRD4-0200-PFV	CR26KF-PFV		ZR25K5-PFJ
	CR28K6-PFV	CR28KQ-PFV	CR28K7-PFV	CRD1-0200-PFJ			ZR28K5-PFV
	CR28K6-PFJ			CRE2-0225-PFV	CR28KF-PFV		ZR28K5-PFJ
3T	CR30K6-PFV	CR30KQ-PFV		CRE4-0225-PFV		ZR28K5-PFV	
	CR30K6-PFJ			CRE2-0225-PFJ		ZR28K5-PFJ	
	CR32K6-PFV	CR32KQ-PFV	CR31K7-PFV	CRF2-0250-PFV	CR30KF-PFV	ZR32K5-PFV	
	CR32K6-PFJ	CR33KQ-PFV		CRF2-0250-PFJ		ZR32K5-PFJ	
	CR34K6-PFV	CR34KQ-PFV		CRG3-0250-PFV	CR32KF-PFV	ZR32K5-PFV	
	CR35K6-PFV	CR36KQ-PFV	CR35K7-PFV	CRG3-0250-PFJ	CR33KF-PFV	ZR32K5-PFJ	
	CR38K6-PFV	CR37KQ-PFV		CRH3-0275-PFV	CR34KF-PFV	ZR32K5-PFV	
				CRH3-0275-PFJ	CR35KF-PFV	ZR38K5-PFV	
3.5T	CR42K6-PFV	CR41KQ-PFV		CRJ3-0300-PFV		ZR38K5-PFJ	
		CRKQ-0325-PFV		CRJ3-0300-PFJ		ZR42K5-PFV	
		CRKQ-0325-PFJ		CRK3-0325-PFV		ZR42K5-PFJ	
4T		CR47KQ-PFV		CRK3-0325-PFJ		ZR48K5-PFV	
				CRL3-0350-PFV		ZR48K5-PFJ	
4.5T	CRT5-0450-PFV	CR53KQ-PFV		CRL3-0350-PFJ		ZR54K5-PFV	
5T	CRP5-0450-PFV			CRM3-0400-PFV		ZR57K3-PFV	
	CRN5-0500-PFV					ZR61K3-PFV	

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**Copeland**® **SP**® **RU**  
MODEL U.S.A. MARCA-REGISTRADA  
**CRK3-0325-PFJ-501**

SERIAL **00C35153B** 10061-001  
U62792



**2E**

THERMALLY PROTECTED

OIL	MO	PRO	VOLTS	PH	HZ	LRA
55	E	T	265	1	60	96.0
MTN			220 240		50	96.0