ZP29LXE-TF5

HFC, R-410A, 60 Hz, 3 - Phase, 200/230 V , Also Available with Variable Frequency Drives

Air Conditioning

Production Status: Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

Summary

	Performance	
Evaporator Temp. (°F)	45.00	50
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	70
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	29000	39500
Power (W):	2870	1870
Current (Amps):	8.4	6.4
EER(BTU/Wh):	10.1	21.1
Mass Flow (lbs/hr):	427	486
Sound Data @ 50 / 115		
Sound Power (dBA):	69 Avg	74 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2024-12-24	

Mechanical	
Displacement (in^3/Rev):	1.68
Displacement (ft^3/Hr):	
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	15.28
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.00

Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	25
Oil Recharge (oz):	21
Oil Type:	3MA
Net Weight (lbs):	48.0
Internal Free Volume (in^3):	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA High* (Amps):	71
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	14
Max Operating Current (Amps):	12.5
RLA, MCC/1.4(use for contactor selection)(Amps):	10.0
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.0
RPM:	3500
Box IP :	21
UL File No:	SA2337-20031217
UL File Date:	2014-03-21

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
No data available in table					

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-410A HFC	200/220	3	50	Air Conditioning

Nomenclature

ZP29LXE-TF5

Family Series

Z: Scroll

Application Range

P: A/C - R-410A/B

Capacity

29: Capacity

Oil Type

E: Polyol Ester

Motor Type

T: 3 Phase

Motor Protection

F: Internal Inherent Protection

Voltage

5: 60Hz (200/230-3) 50Hz (200/220-3)