ZP72KCE-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 Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	45.00	45
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	72000	88500
Power (W):	6750	4740
Current (Amps):	20.1	15.7
EER(BTU/Wh):	10.7	18.6
Mass Flow (lbs/hr):	1060	1090
Sound Data @		
Sound Power (dBA):	75 Avg	80 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2007-09-04	

Mechanical

Displacement (in^3/Rev):	4.10
Displacement (ft^3/Hr):	
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	17.91
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.16
Suction Size (in),Type:	7 / 8 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	60
Oil Recharge (oz):	56
Net Weight (lbs):	88.0
Internal Free Volume (in^3):	264.5
Horse Power:	

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

Electrical

LRA High* (Amps):	164.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	36.2
Max Operating Current (Amps):	31.0
RLA, MCC/1.4(use for contactor selection)(Amps):	25.9
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	23.2
RPM:	3500
Box IP :	21
UL File No:	
UL File Date:	1993-07-26

*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