ZR72KCE-TF5
HFC, R-407C, 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)	72300	86800
Power (W):	6420	4400
Current (Amps):	18.85	14.45
EER(BTU/Wh):	11.25	19.75
Mass Flow (lbs/hr):	1045	1070
Sound Data @		
Sound Power (dBA):	75 Avg	80 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2014-08-05	

Mechanical

Displacement (in^3/Rev):	5.98
Displacement (ft^3/Hr):	
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	17.75
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.00
Suction Size (in),Type:	7 / 8 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	60
Oil Recharge (oz):	56
Oil Type:	3MA
Net Weight (lbs):	85.0
Internal Free Volume (in^3):	248.0
Horse Power:	6.0

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

Electrical

LRA High* (Amps):	156
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	29
Max Operating Current (Amps):	26.0
RLA, MCC/1.4(use for contactor selection)(Amps):	20.7
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	18.6
RPM:	3500
Box IP :	21
UL File No:	SA-2337
UL File Date:	1993-07-26

*Low and High refer to the low and high nominal voltage ranges for

Capacitors

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

which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	200/220	3	50	Air Conditioning
R-134a HFC	200/230	3	60	Air Conditioning
R-22 HCFC	200/220	3	50	Air Conditioning
R-22 HCFC	200/230	3	60	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning