ZP182KCE-TED

HFC, R-410A, 60 Hz, 3 -Phase, 460 V
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	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr)	183000	163000
Power (W):	16300	14400
Current (Amps):	26.30	24.10
EER (Btu/Wh):	11.20	11.30
Mass Flow (lbs/hr):	2690	2270
Sound Data @		
Sound Power (dBA):	82 Avg	87 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2017-03-23	

Mechanical

Displacment(in^3/Rev):	10.20
Displacment(ft^3/hr):	1239.34
Overall Length (in):	12.93
Overall Width (in):	11.73
Overall Height (in):	22.21
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	23.02 *
Suction Size (in),Type:	1 3/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	114
Oil Recharge (oz):	110
Net Weight (lbs):	146.0
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	173.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	42.0
Max Operating Current(Amp):	34.0
RLA, MCC/1.4;use for contactor selection (Amp):	30.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	26.9
RPM:	3500
Box IP	54
UL File No:	SA-2337
UL File Date:	1996-09-27

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

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-410A HFC	380/420	3	50	Air Conditioning

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