

ZP235KCE-TEC

HFC, R-410A, 60 Hz, 3 -Phase, 208/230 V
Air Conditioning



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	235000	290000
Power (W):	21100	15400
Current (Amps):	64.30	49.60
EER (Btu/Wh):	11.10	18.80
Mass Flow (lbs/hr):	3460	3590
<u>Sound Data @</u>		
Sound Power (dBA):	87 Avg	92 Max
Vibration mils(peak-peak):	3.5 Avg	5.0 Max
Record Date:	2014-10-24	

Mechanical

Displacment(in ³ /Rev):	13.25
Displacment(ft ³ /hr):	1610.73
Overall Length (in):	16.80
Overall Width (in):	14.80
Overall Height (in):	28.60
Mounting Length (in):	10.50
Mounting Width (in):	10.50
Mounting Height (in):	29.00 *
Suction Size (in),Type:	1 5/8 Stub
Discharge Size (in),Type:	1 3/8 Stub
Initial Oil Charge (oz):	158
Oil Recharge (oz):	148
Net Weight (lbs):	310.0
Internal Free Volume (in ³):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	505.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	115.3
Max Operating Current(Amp):	90.0
RLA, MCC/1.4;use for contactor selection (Amp):	82.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	73.9
RPM:	3500
UL File No:	SA-2337
UL File Date:	2000-11-28

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

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-410A HFC	200	3	50	Air Conditioning