ZR160KCE-TWD

HFC, R-407C, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	35 / 120
RG(°F)/SubCool(°F)	65 / 15	55 / 15
Capacity (Btu/hr)	154000	132500
Power (Watts):	13850	12150
Current (Amps):	20.75	18.70
EER (Btu/Wh):	11.20	10.80
Mass Flow (lbs/hr):	2240	1845
Sound Power (dBA):	82 Avg	87 Max
Vibration (mils(peak-	3.0 Avg	4.5 Max
Record Date:	2007-12-06	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	12.76
Bore Size(in):	0.00	Displ(ft^3/hr):	1550.70
Stroke(in):	0.00		
Overall Length (in):	12.83	Mounting Length (in):	7.50
Overall Width (in):	11.61	Mounting Width (in):	7.50
Overall Height (in):	21.72	Mounting Height (in):	23.03 *

Suction Size (in):	1 3/8 Stub
Discharge Size (in):	7/8 Stub
Oil Recharge (oz):	106
Initial Oil Charge (oz):	110
Net Weight (lbs):	143
Internal Free Volume (in^3):	856.0
Horse Power:	

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

Electrical

LRA-High*:	150.0	MCC (Amps):	36.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	27.0		
RLA(=MCC/1.4;use for contactor selection):		25.7			
RLA(=MCC/1.56;use for breaker & wire size		23.1			

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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	60	3	460	Air Conditioning
R-134a HFC	50	3	380/420	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning

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