

ZR250KC-TWD

HCFC, R-22, 50 Hz, 3 -Phase, 380/420 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)	204000	177000
Power (W):	17700	15700
Current (Amps):	29.60	26.80
EER (Btu/Wh):	11.50	11.30
Mass Flow (lbs/hr):	2990	2520
<u>Sound Data @</u>		
Sound Power (dBA):	83 Avg	88 Max
Vibration mils(peak-peak):	3.5 Avg	5.0 Max
Record Date:	2016-06-10	

Mechanical

Displacment(in^3/Rev):	19.84
Displacment(ft^3/hr):	1997.67
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):	307.0
Internal Free Volume (in^3):	1503.0
Horse Power:	

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

Electrical

LRA-High*(Amp):	225.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	47.0
Max Operating Current(Amp):	42.0
RLA, MCC/1.4;use for contactor selection (Amp):	33.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	30.1
RPM:	2900
Box IP	56
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-22 HCFC	460	3	60	Air Conditioning