

ZR57KCE-TFD

HFC, R-407C, Dew Point, 50 Hz, 3 - Phase, 380/420 V
Air Conditioning

Performance

| | | |
|------------------------------|---------------|---------------|
| Evap(°F)/Cond(°F) | <u>45/130</u> | <u>45/100</u> |
| RG(°F)/Liq(°F) | <u>65/115</u> | <u>65/85</u> |
| Capacity (Btu/hr): | 45500 | 53000 |
| Power (Watts): | 4380 | 2920 |
| Current (Amps): | 7.9 | 7.5 |
| EER (Btu/Wh): | 10.4 | 18.2 |
| Mass Flow (lbs/hr): | 660.0 | 660.0 |
| Sound Power(dBA): | 71 Ave | 76 Max |
| Vibration (mils(peak-peak)): | 2.0 Ave | 3.0 Max |
| Record Date: | 2005-04-15 | |

Mechanical

| | | | |
|--|----------|-------------------------------|----------|
| Number of Cylinders: | 0 | Displ (in ³ /Rev): | 4.71 |
| Bore Size (in): | 0.0 | Displ (ft ³ /hr): | 474.2687 |
| Stroke (in): | 0.0 | | |
| Overall Length (in): | 9.48 | Mounting Length (in): | 7.5 |
| Overall Width (in): | 9.71 | Mounting Width(in): | 7.5 |
| Overall Height (in): | 17.75 | Mounting Height (in): | 18.0* |
| Suction Size (in): | 7/8 Stub | | |
| Discharge Size (in): | 1/2 Stub | | |
| Initial Oil Charge (oz): | 66 | | |
| Oil Recharge (oz): | 62 | | |
| Net Weight (lbs): | 80.0 | | |
| Internal Free Volume (in ³): | 275.0 | | |
| HorsePower | 4.75 | | |
| * Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|------|------------------------|------|---------------|-------------|
| LRA-High*: | 61.8 | MCC (Amps): | 11.6 | UL File No.: | SA-2337 |
| LRA-Half Winding: | | RPM: | 2900 | UL File Date: | 26-Jul-1993 |
| LRA-Low*: | 55.5 | Max Operating Current: | 11.0 | CSA File No.: | LR3104C |
| RLA(=MCC/1.4; use for contactor selection): | 8.3 | | | | |
| RLA(=MCC/1.56; use for breaker & wire size selection): | 7.4 | | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |

Alternate Applications

| <u>Refrigerant</u> | <u>Frequency(Hz)</u> | <u>Phase</u> | <u>Voltage</u> | <u>Application</u> |
|--------------------|----------------------|--------------|----------------|--------------------|
| R-407C HFC | 60 | 3 | 380/460 | Air Conditioning |