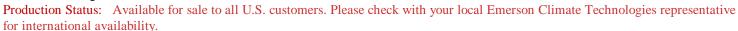
ZR42K3E-TFD

HFC, R-407C, Dew Point, $\,$ 50 Hz, 3 - Phase, 380/420~V

Air Conditioning

Record Date:





Performance

| Evap(°F)/Cond(°F) | 45/130 | <u>45/100</u> |
|------------------------------|---------------|---------------|
| RG(°F)/Liq(°F) | <u>65/115</u> | <u>65/85</u> |
| Capacity (Btu/hr): | 33300 | 40300 |
| Power (Watts): | 3110 | 2020 |
| Current (Amps): | 5.3 | 4.1 |
| EER (Btu/Wh): | 10.7 | 19.9 |
| Mass Flow (lbs/hr): | 484.0 | 500.0 |
| | | |
| Sound Power(dBA): | 68 Ave | 73 Max |
| Vibration (mils(peak-peak)): | 2.0 Ave | 3.0 Max |

2005-04-15

Mechanical

| Number of Cylinders: | : 0 | Displ (in^3/Rev): | 3.488 |
|---|---------|-----------------------|----------|
| Bore Size (in): | 0.0 | Displ (ft^3/hr): | 351.2206 |
| Stroke (in): | 0.0 | | |
| Overall Length (in): | 9.567 | Mounting Length (in): | 7.5 |
| Overall Width (in): | 9.567 | Mounting Width(in): | 7.5 |
| Overall Height (in): | 15.729 | Mounting Height (in): | 15.965* |
| Suction Size (in): | | 3/4 Stub | |
| Discharge Size (in): | | 1/2 Stub | |
| Initial Oil Charge (oz | z): | 42 | |
| Oil Recharge (oz): | | 38 | |
| Net Weight (lbs): | | 62.1 | |
| Internal Free Volume | (in^3): | 191.0 | |
| HorsePower | | 3.5 | |
| * Overall compressor height on Copeland Brand Product's specified | | | |
| mounting grommets | S. | | |

Electrical

| LRA-High*: | 46.0 | MCC (Amps): | 10.0 | UL File No.: |
|------------|------|-------------|------|--------------|
|------------|------|-------------|------|--------------|

LRA-Half Winding: RPM: 2900 UL File Date: 14-Jun-1994

LRA-Low*: 41.0 Max Operating Current: 7.1 CSA File No.:

RLA(=MCC/1.4; use for contactor selection): 7.1

RLA (=MCC/1.56; use for breaker & wire size selection): 6.4

Alternate Applications

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

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