

KAGB-005A-CAV



CFC, R-12, 60 Hz, 1 -phase, 208/230 V
Low Temperature

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

| | | |
|------------------------------|--------------|--------------|
| Evap(°F)/Cond(°F) | -25 / 105 | -40 / 105 |
| RG(°F)/Liq(°F) | 65.0 / 105.0 | 65.0 / 105.0 |
| Capacity (Btu/hr) | 1890 | 930 |
| Power (Watts): | 420 | 329 |
| Current (Amps): | 0.90 | 0.80 |
| EER (Btu/Wh): | 4.50 | 2.80 |
| Mass Flow (lbs/hr): | 34 | 17 |
| Sound Data @ | | |
| Sound Power (dBA): | | |
| Vibration (mils(peak-peak)): | | 4.76 Max |
| Record Date: | 2006-09-25 | |

Mechanical

| | | | |
|---|-------|------------------------------|---------|
| Number of Cylinders: | 2 | Displ(in ³ /Rev): | 3.05 |
| Bore Size(in): | 1.44 | Displ(ft ³ /hr): | 185.13 |
| Stroke(in): | 0.94 | | |
| Overall Length (in): | 14.38 | Mounting Length (in): | 8.19 |
| Overall Width (in): | 9.50 | Mounting Width (in): | 6.38 |
| Overall Height (in): | 10.44 | Mounting Height (in): | 11.19 * |
| Suction Size (in): | | 1/2 Flare | |
| Discharge Size (in): | | 3/8 Flare | |
| Oil Recharge (oz): | | 20 | |
| Initial Oil Charge (oz): | | 22 | |
| Net Weight (lbs): | | 83 | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|-------------|------------------------|----------|---------------|------------------|
| LRA-High*: | 24 | MCC (Amps): | 5.7 | UL File No: | |
| LRA-Half Winding: | | RPM: | 3500 | UL File Date: | 23-Jul-1984 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | 4.1 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 3.7 | | | |
| *Low and High refer to the low and high nominal voltage ranges for which the motor is approved. | | | | | |
| Type | Part No | Low MFD | High MFD | Volts | User Description |
| Start Capacitor | 014-0061-29 | 108.0 | 130.0 | 330 | |
| Run Capacitor | 014-0064-00 | 10.0 | 0.0 | 370 | |

Alternate Applications

| | | | | |
|--------------------|------------------|--------------|----------------|--------------------|
| <u>Refrigerant</u> | <u>Freq (Hz)</u> | <u>Phase</u> | <u>Voltage</u> | <u>Application</u> |
| R-12 CFC | 50 | 1 | 200/220 | Low Temperature |