

KAKA-020A-TAD

CFC, R-502, 60Hz, 3- Phase, 460 V

UL Medium Temp

Production Status:



Performance

| | | |
|------------------------------|----------|----------|
| Evap(°F)/Cond(°F) | 20 / 120 | 0 / 110 |
| Capacity (Btu/hr) | 13500 | 8170 |
| Power (Watts): | 1863 | 1480 |
| Current (Amps): | | |
| EER (Btu/Wh): | 7.25 | 5.52 |
| Mass Flow (lbs/hr): | | |
| Sound Power (dBA): | | |
| Vibration (mils(peak-peak)): | | 4.76 Max |
| Record Date: | | |

Mechanical

| | | | |
|---|-------|------------------------------|---------|
| Number of Cylinders: | 2 | Displ(in ³ /Rev): | 4.20 |
| Bore Size(in): | 1.69 | Displ(ft ³ /hr): | 255.09 |
| 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): | | 7/8 Sweat | |
| Discharge Size (in): | | 1/2 Flare | |
| Oil Recharge (oz): | | 20 | |
| Initial Oil Charge (oz): | | 22 | |
| Net Weight (lbs): | | 88.1 | |
| Internal Free Volume (in ³): | | | |
| Horse Power: | | | |
| *Overall compressor height on Copeland Brand Product's specified mounting grommets. | | | |

Electrical

| | | | | | |
|---|------|------------------------|-----|---------------|-------------|
| LRA-High*: | 25.0 | MCC (Amps): | 4.1 | UL File No: | |
| LRA-Half Winding: | | RPM: | | UL File Date: | 23-Jul-1984 |
| LRA Low*: | | Max Operating Current: | | | |
| RLA(=MCC/1.4;use for contactor selection): | | 2.9 | | | |
| RLA(=MCC/1.56;use for breaker & wire size selection): | | 2.6 | | | |
| *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-22 HCFC | 60 | 3 | 460 | High Temp |
| R-22 HCFC | 60 | 3 | 460 | Medium Temperature |
| R-22 HCFC | 50 | 3 | 380/420 | High Temp |
| R-22 HCFC | 50 | 3 | 380/420 | Medium Temperature |
| R-502 CFC | 50 | 3 | 380/420 | UL Medium Temp |