CR37KQ-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65 / 115	65 / 85
Capacity (Btu/hr)	36400	46900
Power (Watts):	3500	2990
Current (Amps):	5.40	4.80
EER (Btu/Wh):	10.40	15.70
Mass Flow (lbs/hr):	535	605
Sound Power (dBA):	75 Avg	80 Max
Vibration (mils(peak-	2.2 Avg	3.2 Max
Record Date:	2004-06-07	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	4.06
Bore Size(in):	1.96	Displ(ft^3/hr):	493.53
Stroke(in):	0.67		
Overall Length (in):	9.25	Mounting Length (in):	7.50
Overall Width (in):	9.25	Mounting Width (in):	7.50
Overall Height (in):	14.25	Mounting Height (in):	14.62 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	3/8 Stub
Oil Recharge (oz):	38
Initial Oil Charge (oz):	40
Net Weight (lbs):	66
Internal Free Volume (in^3):	375.0
Horse Power:	

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

Electrical

LRA-High*:	39.0	MCC (Amps):	7.8	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	6.9	
RLA(=MCC/1.4;use for contactor selection):		5.6		
RLA(=MCC/1.56;use for breaker & wire size		5		

*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	50	3	380/420	
R-22 HCFC	50	3	380/420	Air Conditioning
R-22 HCFC	50	3	380/420	High Temperature
R-22 HCFC	60	3	380/460	
R-22 HCFC	60	3	380/460	High Temperature

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