CS18K6E-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 V
Medium Temperature

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)	20 / 120	0 / 110
RG(°F)/Liq(°F)	40 / 120	40 / 110
Capacity (Btu/hr)	18300	11700
Power (Watts):	2420	1810
Current (Amps):	14.80	11.20
EER (Btu/Wh):	7.50	6.50
Mass Flow (lbs/hr):	285	171
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	1999-04-28	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	3.64
Bore Size(in):	1.66	Displ(ft^3/hr):	442.34
Stroke(in):	0.85		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	13.81	Mounting Height (in):	14.19 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	3/8 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	63
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*:	65.5	MCC (Amps):	12.3	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		8.8			
RLA(=MCC/1.56;use for breaker & wire size		7.9			

*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-134a HFC	50	3	200/220	High Temperature
R-22 HCFC	50	3	200/220	
R-22 HCFC	50	3	200/220	Medium Temperature
R-404A HFC	50	3	200/220	Extended Medium Temp
R-507 HFC	50	3	200/220	Extended Medium Temp
R-134a HFC	60	3	200/230	High Temperature
R-404A HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	60	3	200/230	Extended Medium Temp

Copyright © 2010 Emerson Climate Technologies, Inc. All rights reserved.