CS20K6E-TF5

HFC, R-404A, 60Hz, 3- Phase, 200/230 V
Extended Medium Temp

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	-10 / 120
RG(°F)/Liq(°F)	40 / 120	40 / 120
Capacity (Btu/hr)	19800	6950
Power (Watts):	3020	1790
Current (Amps):	9.40	6.20
EER (Btu/Wh):	6.60	3.90
Mass Flow (lbs/hr):	475	158
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	1996-01-08	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	4.40
Bore Size(in):	1.96	Displ(ft^3/hr):	534.59
Stroke(in):	0.73		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.06	Mounting Height (in):	14.44 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	65
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*:	75.0	MCC (Amps):	15.97	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	16.6		
RLA(=MCC/1.4;use for contactor selection):		11.4			
RLA(=MCC/1.56;use for breaker & wire size		10.2			

*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	60	3	200/230	High Temperature
R-22 HCFC	60	3	200/230	Medium Temperature
R-404A HFC	60	3	200/230	
R-404A HFC	60	3	200/230	Extended Medium Temp
R-404A HFC	60	3	200/230	High Temperature
R-507 HFC	60	3	200/230	
R-507 HFC	60	3	200/230	Extended Medium Temp
R-507 HFC	60	3	200/230	Extended Medium Temp
R-134a HFC	50	3	200/240	High Temperature
R-22 HCFC	50	3	200/240	Medium Temperature
R-404A HFC	50	3	200/240	

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Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	3	200/240	Extended Medium Temp
R-404A HFC	50	3	200/240	Extended Medium Temp
R-507 HFC	50	3	200/240	
R-507 HFC	50	3	200/240	Extended Medium Temp
R-507 HFC	50	3	200/240	Extended Medium Temp

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