CS20K6E-TFD

HFC, R-404A, 60Hz, 3- Phase, 460 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)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr) Power (Watts):	19800 3020	6950 1790
Current (Amps):	4.70	3.10
EER (Btu/Wh):	6.60	3.90
Mass Flow (lbs/hr):	475	158
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-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):		5/8 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*:	40.0	MCC (Amps):	7.1	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	5.7		
RLA(=MCC/1.4;use for contactor	r selection):	5.1			
DI A/ MOO/4 50 (4.6			

RLA(=MCC/1.56;use for breaker & wire size selection):

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application	
R-22 HCFC	60	3	460	Medium Temperature	
R-134a HFC	60	3	460	High Temp	
R-507 HFC	60	3	460	Extended Medium Temp	
R-22 HCFC	50	3	380/420	Medium Temperature	
R-134a HFC	50	3	380/420	High Temp	
R-404A HFC	50	3	380/420	Extended Medium Temp	
R-507 HFC	50	3	380/420	Extended Medium Temp	

^{*}Low and High refer to the low and high nominal voltage ranges for which the motor is approved.