

CR28K6E-TFD

HFC, R-407C, 60Hz, 3- Phase, 460 V

Air Conditioning



Production Status: Preliminary data only - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	26100	36300
Power (Watts):	2440	2010
Current (Amps):	3.95	3.35
EER (Btu/Wh):	10.70	18.05
Mass Flow (lbs/hr):	380	451
Sound Power (dBA):	73 Avg	78 Max
Vibration (mils(peak-peak)):	4.5 Avg	5.5 Max
Record Date:	2009-09-25	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	3.02
Bore Size(in):	1.66	Displ(ft ³ /hr):	367.49
Stroke(in):	0.70		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	13.56	Mounting Height (in):	13.94 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		43	
Initial Oil Charge (oz):		45	
Net Weight (lbs):		61	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	34.0	MCC (Amps):	6.7	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	5.4		
RLA(=MCC/1.4;use for contactor selection):		4.8			
RLA(=MCC/1.56;use for breaker & wire size selection):		4.3			
*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	Air Conditioning
R-22 HCFC	50	3	380/420	UL High Temp
R-407C HFC	50	3	380/420	Air Conditioning