

CR28K6-TFD

HCFC, R-22, 60Hz, 3- Phase, 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(°C)/Cond(°C)	<u>7.2 / 54.4</u>	<u>7.2 / 37.8</u>
RG(°C)/Liq(°C)	<u>18.3 / 46.1</u>	<u>18.3 / 29.4</u>
Capacity (Watts)	8250	10850
Power (Watts):	2570	2040
Current (Amps):	4.10	3.50
EER (COP):	3.19	5.33
Mass Flow (g/s):	52	60
Sound Power (dBA):	9 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.038 Avg	0.064 Max
	1993-06-18	

Mechanical

Number of Cylinders:	2	Displ(cm ³ /Rev):	49.00
Bore Size(mm):	42.06	Displ(meters ³ /hr):	10.41
Stroke(mm):	17.83		
Overall Length (mm):	259.7	Mounting Length (mm):	190.50
Overall Width (mm):	245.2	Mounting Width (mm):	190.50
Overall Height (mm):	344.4	Mounting Height (mm):	354.0 *
Suction Size (mm):		3/4 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		27.67	
Internal Free Volume (cm 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:		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			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	50	3	380/420	
R-22 HCFC	50	3	380/420	UL High Temp
R-22 HCFC	50	3	380/420	UL High Temp