

2DB3R61K0-TFC

CFC, R-12, 60Hz, 3- Phase, 208/230 V

Medium Temperature



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. 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)	65.0 / 120.0	65.0 / 110.0
Capacity (Btu/hr)	39700	26000
Power (Watts):	4620	3600
Current (Amps):	15.20	12.90
EER (Btu/Wh):	8.60	7.20
Mass Flow (lbs/hr):	790	489
Sound Power (dBA):		
Vibration (mils(peak-peak)):		4.56 Max
Record Date:	2005-10-27	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	19.59
Bore Size(in):	2.62	Displ(ft ³ /hr):	1190.39
Stroke(in):	1.81		
Overall Length (in):	23.63	Mounting Length (in):	11.62
Overall Width (in):	15.37	Mounting Width (in):	11.00
Overall Height (in):	18.55	Mounting Height (in):	20.05 *
Suction Size (in):		1 3/8 Sweat	
Discharge Size (in):		7/8 Sweat	
Oil Recharge (oz):		72	
Initial Oil Charge (oz):		80	
Net Weight (lbs):		325	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	120.0	MCC (Amps):	26.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	13-Jul-1988
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		19.1			
RLA(=MCC/1.56;use for breaker & wire size selection):		17.2			
*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-12 CFC	50	3	200/220	
R-12 CFC	50	3	200/220	Medium Temperature
R-12 CFC	60	3	208/230	