

2DL3R78K0-TFD

HCFC, R-22, 50Hz, 3- Phase, 380/420 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>1.7 / 40.6</u>
RG(°C)/Liq(°C)	<u>18.3 / 46.1</u>	<u>18.3 / 32.2</u>
Capacity (Watts)	22300	21200
Power (Watts):	6250	4840
Current (Amps):	13.70	11.30
EER (COP):	3.58	4.40
Mass Flow (g/s):	140	122
Sound Power (dBA):	0 Avg	0 Max
Vibration (mm(peak-))	0.0 Avg	0.0 Max
Record Date:	2005-12-08	

Mechanical

Number of Cylinders:	2	Displ(cm ³ /Rev):	266.00
Bore Size(mm):	63.50	Displ(meters ³ /hr):	23.65
Stroke(mm):	42.93		
Overall Length (mm):	590.5	Mounting Length (mm):	295.40
Overall Width (mm):	392.1	Mounting Width (mm):	279.40
Overall Height (mm):	434.0	Mounting Height (mm):	460.5 *
Suction Size (mm):	1 3/8 Sweat		
Discharge Size (mm):	7/8 Sweat		
Oil Recharge (liter):	2		
Initial Oil Charge (liter):	2		
Net Weight (kg):	147.42		
Internal Free Volume (cm ³):			
Horse Power:	6.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	85.0	MCC (Amps):	19.3	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	13-Jul-1988
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		13.8			
RLA(=MCC/1.56;use for breaker & wire size)		12.4			
*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	60	3	460	Medium Temp, Low Condensing
R-502 CFC	60	3	460	Medium Temperature
R-22 HCFC	50	3	380/420	Medium Temp, Low Condensing
R-502 CFC	50	3	380/420	Medium Temperature