

ZP61K5E-TFD

HFC, R-410A, 50 Hz, 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

Evaporator Temp.(°C)	7	10
Condensing Temp.(°C)	54	38
Return Gas Temp.(°C)	18	21
Liquid Temp.(°C)	46	29
Capacity (Watts)	15000	20500
Power (W):	4980	3180
Current (Amps):	8.20	5.85
COP:	3.02	6.45
Mass Flow (g/s):	95	108
<u>Sound Data @45 / 130</u>		
Sound Power (dBA):	68 Avg	73 Max
Vibration mm(peak-peak):	0.1 Avg	0.1 Max
Record Date:	2015-10-09	

Electrical

LRA-High* (Amp):	67.1
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	12.5
Max Operating Current (Amp):	11.0
RLA, MCC/1.4;use for contactor selection(Amp):	8.9
RLA, MCC/1.56;use for breaker & wire size selection(Amp):	8.0
RPM:	2900
Box IP	21
UL File No:	SA-2337
UL File Date:	2003-12-17
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(cm ³ /Rev):	57.19
Displacment	9.95
Overall Length	246.13
Overall Width (mm):	246.13
Overall Height	429.51
Mounting Length (mm):	190.50
Mounting Width (mm):	190.50
Mounting Height (mm):	448.56 *
Suction Size (mm),Type:	22.22 Stub
Discharge Size (mm),Type:	12.69 Stub
Initial Oil Charge (ml):	1242
Oil Recharge (ml):	1065
Net Weight (kg):	34.9
Internal Free Volume (cm ³):	3343.6
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-410A HFC	460	3	60	Air Conditioning