

4DH3R16ME-TSK

HFC, R-134a, 60 Hz, 3 -Phase, 208/230 V
High Temp



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

Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	156000	95500
Power (W):	15300	11300
Current (Amps):	23.20	18.60
EER (Btu/Wh):	10.20	8.50
Mass Flow (lbs/hr):	2710	1530
<u>Sound Data @</u>		
Sound Power (dBA):		
Vibration mils(peak-peak):		3.7 Max
Record Date:	2005-11-01	

Mechanical

Displacment(in ³ /Rev):	49.67
Displacment(ft ³ /hr):	3017.79
Overall Length (in):	25.47
Overall Width (in):	21.25
Overall Height (in):	17.50
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	19.25 *
Suction Size (in),Type:	1 5/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	135
Oil Recharge (oz):	125
Net Weight (lbs):	450.0
Internal Free Volume (in ³):	
Horse Power:	15.00

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	278.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	170.0
MCC (Amps):	81.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	57.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	51.9
RPM:	
UL File No:	SA-2337
UL File Date:	1971-04-07

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-134a HFC	460	3	60	High Temp
R-134a HFC	380/400	3	50	High Temp
R-134a HFC	200	3	50	High Temp