

# 4DR3R19ME-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)	186000	114000
Power (W):	18200	13500
Current (Amps):	27.70	22.20
EER (Btu/Wh):	10.20	8.50
Mass Flow (lbs/hr):	3240	1820
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		3.7 Max
Record Date:	2005-11-01	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	59.33
Displacement(ft <sup>3</sup> /hr):	3605.24
Overall Length (in):	26.28
Overall Width (in):	20.38
Overall Height (in):	17.91
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	19.19 *
Suction Size (in),Type:	2 1/8 Sweat
Discharge Size (in),Type:	1 3/8 Sweat
Initial Oil Charge (oz):	135
Oil Recharge (oz):	125
Net Weight (lbs):	450.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	16.00

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

## Electrical

LRA-High*(Amp):	346.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	208.0
MCC (Amps):	92.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	66.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	59.2
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	200	3	50	High Temp
R-134a HFC	200	3	50	High Temp
R-134a HFC	460	3	60	High Temp