4DA3R18ME-TSK

HCFC, R-22, 60Hz, 3- Phase, 208/230 V
Air Conditioning

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)	45 / 130	35 / 105
RG(°F)/Liq(°F)	65.0 / 115.0	55.0 / 90.0
Capacity (Btu/hr)	216000	210000
Power (Watts):	18400	14100
Current (Amps):	55.45	45.40
EER (Btu/Wh):	11.70	14.80
Mass Flow (lbs/hr):	3160	2780
Sound Power (dBA):		
Vibration (mils(peak-peak)):		2.33 Max
Record Date:	2007-06-12	

Mechanical

Number of Cylinders:	4	Displ(in^3/Rev):	39.27
Bore Size(in):	2.50	Displ(ft^3/hr):	2386.12
Stroke(in):	2.00		
Overall Length (in):	25.47	Mounting Length (in):	15.00
Overall Width (in):	21.25	Mounting Width (in):	12.00
Overall Height (in):	17.50	Mounting Height (in):	19.25 *

Suction Size (in):	1 5/8 Sweat
Discharge Size (in):	1 3/8 Sweat
Oil Recharge (oz):	125
Initial Oil Charge (oz):	135
Net Weight (lbs):	470
Internal Free Volume (in^3):	
Horse Power:	15

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

Electrical

LRA-High*:	308.0	MCC (Amps):	93.2	UL File No:	SA-2337
LRA-Half Winding:	188.0	RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			

RLA(=MCC/1.4;use for contactor selection): 66.6
RLA(=MCC/1.56;use for breaker & wire size selection): 59.7

*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-407F HFC	50	3	200	
R-407F HFC	50	3	200	
R-407F HFC	60	3	460	
R-407F HFC	60	3	460	
R-407F HFC	60	3	208/230	
R-407F HFC	60	3	208/230	
R-407F HFC	50	3	380/400	
R-407F HFC	50	3	380/400	
R-407C HFC	50	3	200	Medium Temp, Low Condensing
R-407C HFC	50	3	380/400	Medium Temp, Low Condensing

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	3	200	Medium Temp, Low Condensing
R-404A HFC	50	3	380/400	Medium Temp, Low Condensing
R-407A HFC	50	3	200	Medium Temp, Low Condensing
R-407A HFC	50	3	380/400	Medium Temp, Low Condensing
R-22 HCFC	50	3	200	Medium Temp, Low Condensing
R-507 HFC	50	3	200	Medium Temp, Low Condensing
R-22 HCFC	50	3	380/400	Medium Temp, Low Condensing
R-507 HFC	50	3	380/400	Medium Temp, Low Condensing
R-502 CFC	50	3	200	Medium Temperature
R-22 HCFC	50	3	200	Air Conditioning
R-404A HFC	50	3	200	Air Conditioning
R-507 HFC	50	3	200	Air Conditioning
R-407C HFC	50	3	200	Air Conditioning
R-407A HFC	50	3	200	Air Conditioning
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-404A HFC	60	3	460	Medium Temp, Low Condensing
R-404A HFC	60	3	460	Air Conditioning
R-507 HFC	60	3	460	Medium Temp, Low Condensing
R-507 HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	Air Conditioning
R-407A HFC	60	3	460	Medium Temp, Low Condensing
R-407A HFC	60	3	460	Air Conditioning
R-22 HCFC	60	3	208/230	Medium Temp, Low Condensing
R-502 CFC	60	3	208/230	Medium Temperature
R-404A HFC	60	3	208/230	Medium Temp, Low Condensing
R-404A HFC	60	3	208/230	Air Conditioning
R-507 HFC	60	3	208/230	Medium Temp, Low Condensing
R-507 HFC	60	3	208/230	Air Conditioning
R-407C HFC	60	3	208/230	Medium Temp, Low Condensing
R-407C HFC	60	3	208/230	Air Conditioning
R-407A HFC	60	3	208/230	Medium Temp, Low Condensing
R-407A HFC	60	3	208/230	Air Conditioning
R-22 HCFC	50	3	380/400	Air Conditioning
R-502 CFC	50	3	380/400	Medium Temperature
R-404A HFC	50	3	380/400	Air Conditioning
R-507 HFC	50	3	380/400	Air Conditioning
R-407C HFC	50	3	380/400	Air Conditioning
R-407A HFC	50	3	380/400	Air Conditioning