RST70C1E-TA5

HFC, R-404A, 60Hz, 3- Phase, 200/230 V
Extended Medium Temp

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	40 / 120	40 / 120
Capacity (Btu/hr)	6980	3230
Power (Watts):	1160	826
Current (Amps):	4.05	3.45
EER (Btu/Wh):	6.00	3.90
Mass Flow (lbs/hr):	167	73
Sound Power (dBA):	72 Avg	75 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	2013-01-24	

Mechanical

Number of Cylinders:	1	Displ(in^3/Rev):	1.25
Bore Size(in):	1.46	Displ(ft^3/hr):	151.75
Stroke(in):	0.75		
Overall Length (in):	10.30	Mounting Length (in):	8.00
Overall Width (in):	7.10	Mounting Width (in):	4.80
Overall Height (in):	9.80	Mounting Height (in):	10.40 *
Suction Size (in):	1/2 Stub		
Discharge Size (in):	3/8 Stub		
Oil Recharge (oz):	20		
Initial Oil Charge (oz):	22		
Net Weight (lbs):	39.2		
Internal Free Volume (in^3):			
Horse Power:			

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

Electrical

LRA-High*:	36.0	MCC (Amps):	7.7	UL File No:	SA-2337
LRA-Half Winding:		RPM:	0	UL File Date:	23-Jun-1972
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		5.5			
RLA(=MCC/1.56;use for breaker & wire size		4.9			

*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-404A HFC	50	3	200/240	
R-407C HFC	50	3	200/240	
R-407C HFC	60	3	200/230	High Temperature

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