

RST70C1-TA5

HCFC, R-22, 60Hz, 3- Phase, 200/230 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

Evap(°F)/Cond(°F)	45 / 130	20 / 120
RG(°F)/Liq(°F)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	11800	7450
Power (Watts):	1260	1040
Current (Amps):	4.50	3.90
EER (Btu/Wh):	9.30	7.10
Mass Flow (lbs/hr):	186	109
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2012-02-16	

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):	6.8	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:		
RLA(=MCC/1.4;use for contactor selection):		4.9		
RLA(=MCC/1.56;use for breaker & wire size selection):		4.4		
*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-22 HCFC	60	3	200/230	Medium Temperature