RST70C1-PFV

HCFC, R-22, 60 Hz, 1 -Phase, 208/230 V
Medium Temperature

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)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	7240	4820
Power (W):	1100	907
Current (Amps):	5.60	4.80
EER (Btu/Wh):	6.60	5.30
Mass Flow (lbs/hr):	113	70
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2011-11-04	

Mechanical

Displacment(in^3/Rev):	1.25
Displacment(ft^3/hr):	151.75
Overall Length (in):	10.30
Overall Width (in):	7.10
Overall Height (in):	9.80
Mounting Length (in):	8.00
Mounting Width (in):	4.80
Mounting Height (in):	10.40 *
Suction Size (in),Type:	1/2 Stub
Discharge Size (in),Type:	3/8 Stub
Initial Oil Charge (oz):	22
Oil Recharge (oz):	20
Net Weight (lbs):	39.0
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	46.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	7.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.9
RPM:	
UL File No:	
UL File Date:	

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

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	**014-0061-29**	**108.0**	**130.0**	**330**	
Run Capacitor	**014-0064-11**	**25.0**	**0.0**	**440**	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	208/230	1	60	High Temp