

ZCH72C3G-TF5

He, R-704, 60 Hz, 3 -Phase, 200/230 V
Cryogenics



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

Performance

Evaporator Temp. (°F)	100	130
Condensing Temp. (°F)	300	350
Return Gas Temp. (°F)	70	70
Liquid Temp. (°F)	1	1
Capacity (Btu/hr)	0	0
Power (W):	7700	0
Current (Amps):	0.00	0.00
EER (Btu/Wh):	0.00	0.00
Mass Flow (lbs/hr):	47	0
<u>Sound Data @</u>		
Sound Power (dBA):		
Vibration mils(peak-peak):		
Record Date:	2013-01-11	

Mechanical

Displacment(in ³ /Rev):	5.98
Displacment(ft ³ /hr):	727.10
Overall Length (in):	9.67
Overall Width (in):	9.83
Overall Height (in):	17.74
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.99 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	0
Oil Recharge (oz):	0
Net Weight (lbs):	81.0
Internal Free Volume (in ³):	248.0
Horse Power:	

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

Electrical

LRA-High*(Amp):	164.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	34.2
Max Operating Current(Amp):	29.0
RLA, MCC/1.4;use for contactor selection (Amp):	24.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	21.9
RPM:	3500
UL File No:	
UL File Date:	1994-06-15

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

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-704 He	200/220	3	50	Cryogenics