

# 6RN2-300A-TSK

HCFC, R-22, 60Hz, 3- Phase, 460 V  
Air Conditioning



**Production Status:** Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

## Performance

Evap(°F)/Cond(°F)	45 / 130	35 / 105
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 90.0
Capacity (Btu/hr)	277000	270000
Power (Watts):	29200	23000
Current (Amps):	44.70	37.20
EER (Btu/Wh):	9.50	11.80
Mass Flow (lbs/hr):	4050	3600
Sound Power (dBA):		
Vibration (mils(peak-peak)):		
Record Date:	2005-10-13	

## Mechanical

Number of Cylinders:	6	Displ(in <sup>3</sup> /Rev):	58.90
Bore Size(in):	2.50	Displ(ft <sup>3</sup> /hr):	3579.19
Stroke(in):	2.00		
Overall Length (in):	29.41	Mounting Length (in):	15.00
Overall Width (in):	22.63	Mounting Width (in):	12.00
Overall Height (in):	17.97	Mounting Height (in):	19.16 *
Suction Size (in):	2 1/8 Sweat		
Discharge Size (in):	1 3/8		
Oil Recharge (oz):	130		
Initial Oil Charge (oz):	140		
Net Weight (lbs):	502		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	235.0	MCC (Amps):	73.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		52.1			
RLA(=MCC/1.56;use for breaker & wire size selection):		46.8			
*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	208/230	Air Conditioning
R-22 HCFC	60	3	208/230	High Temp
R-22 HCFC	60	3	460	High Temp
R-22 HCFC	60	3	208/230	Air Conditioning
R-22 HCFC	60	3	460	Air Conditioning
R-22 HCFC	60	3	208/230	High Temp
R-22 HCFC	60	3	460	High Temp
R-22 HCFC	50	3	200	High Temp
R-22 HCFC	50	3	400	High Temp