

Product Specifications

Performance

Technical Datasheet

6/13/2023

Model: RK5513E-AA3A

Product Description

Type: Rotary Compressors
Application: HBP/AC - Air Conditioning
Refrigerant: R-22
Voltage/Frequency: 115V ~ 60Hz
Version: N/A

Tecumseh RK Compressor

Condition	Test Voltage	Refrigeration Capacity		Input Power (E)		Efficiency		W/W	EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh	(E) kcal/Wh						
ASHRAE (R-22)	115V ~ 60HZ	12650	3188	3706	1182	10.7	2.7	3.14	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-22)	115V ~ 60HZ	12650	3188	3706	1182	10.7	2.7	3.14	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

General

Evaporating Temp. Range: -23.3°C to 12.8°C (-10°F to 55°F)
Motor Torque: Low Start Torque (LST)
Compressor Cooling: Fan

Mechanical

Weight: 26
Weight Unit of Measure: LB
Displacement (cc): 17.6
Oil Type: Synthetic Alkylate
Viscosity (cSt): 55
Oil Charge (cc): 340

Electrical

Voltage Range (50 Hz):
Voltage Range (60 Hz): 103-127
Locked Rotor Amps (LRA): 64
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 11.3
Max. Continuous Current (MCC in Amps): 16.95
Motor Resistance (Ohm) - Main: 0.61
Motor Resistance (Ohm) - Start: 2.35
MotorType: PSC
Overload Type:
Relay Type:

Agency Approval

cURus Recognized