

Technical Datasheet

Product Specifications

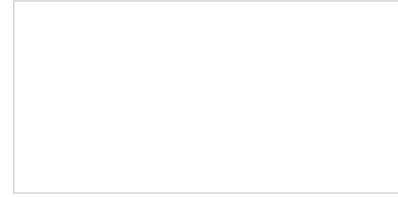
Performance

6/13/2023

Model: AKA5512EXD

Product Description

Type: Reciprocating Compressors
Application: HBP/AC - Air Conditioning
Refrigerant: R-22/R-407C
Voltage/Frequency: 208-230V ~ 60Hz 200V ~ 50Hz
Version: N/A



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)	230V ~ 60HZ	12000	3024	3516	1410	8.51	2.14	2.49	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-22)	230V ~ 60HZ	12000	3024	3516	1410	8.51	2.14	2.49	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: 37
Weight Unit of Measure: LB
Displacement (cc): 22.599
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 512

Electrical

Voltage Range (50 Hz): 180-220
Voltage Range (60 Hz): 197-254
Locked Rotor Amps (LRA): 34
Rated Load Amps (RLA 50 Hz): 0
Rated Load Amps (RLA 60 Hz): 6.8
Max. Continuous Current (MCC in Amps): 10.2
Motor Resistance (Ohm) - Main: 1.72
Motor Resistance (Ohm) - Start: 10.23
MotorType: PSC
Overload Type:
Relay Type:

Agency Approval

cURus Recognized