KULTHORN KIRBY PUBLIC CO.,LTD.
TECHNICAL SPECIFICATION

HERMETIC COMPRESSOR AW 2512ZXG

BOM ID : 73J-A0

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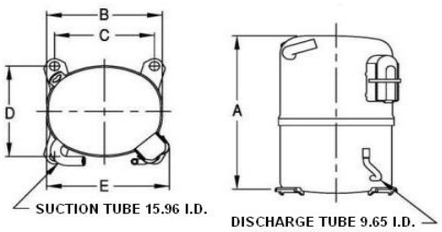
PRINCIPAL DIMENSIONS - mm



A: 324	B: 223	C: 191	D: 191	E: 239

SCHEMATIC WIRING DIAGRAM 3 PHASE

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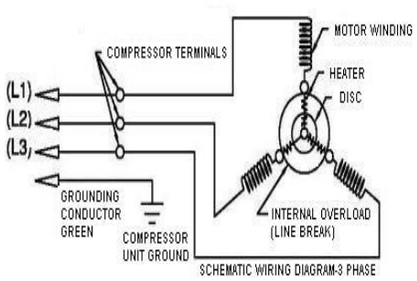
SCHEMATIC WIRING DIAGRAM -



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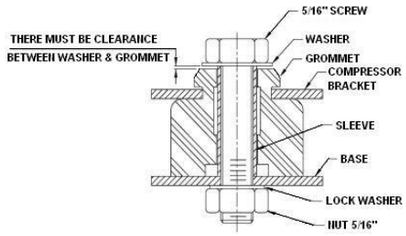
MOUNTING KIT



Electrical : 380-420 V/50 Hz., 440-460 V V/60 Hz. 3 Phase

Nominal Performance

Capacity	3,282 / 3,722 Watts 11,198 / 12,699 BTU/Hr 2,822 / 3,200 Kcal/Hr
Power Input	2,550 / 2,970 Watts
Locked Rotor Amps	40.00 / 40.00 Amps
Max Continuous Current	- / - Amps
Rated Load Amps	4.60 / 4.60 Amps
COP	1.29 / 1.25 Watts / Watts
EER	4.39 / 4.28 BTU/W-Hr

Testing Conditions

Condensing Temperature	54.40	°C	129.9	°F
Evaporating Temperature	-23.30 / -	°C	-9.9 / -	°F
Liquid Temperature	32.20	°C	90.0	°F
Return Gas Temperature	32.20	°C	90.0	°F
Ambient Temperature	32.20	°C	90.0	°F

Application

Evaporating Temp. Range	LBP	@ -34.40 ° C to -12.20 ° C (-29.9° F to 10.0° F)
	Heat Pump	- ° C to - ° C (-° F to -° F)
Refrigerant	R404A	
Refrigerant Flow Control	Capillary Tube	
Compressor Cooling	Fan	

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	71.00 cc.
Oil Type	Polyolester Oil
Oil Charge	1,142 cc.
Motor Type	3 PHASE ; 2 Pole 2,850 / 3,500 r/m
Voltage Range	323-437/391-529 Volts 50/60 Hz.
Winding Resistance at 25 ° C	
L1-L2	4.08 Ohms
L1-L3	4.08 Ohms
L2-L3	4.08 Ohms
Weight with Oil	30.50 Kg.
Weight with Oil and Accessories	30.66 Kg.

Electrical Components

Motor Protector	
Type	Internal Overload
Model Number	4042KGE658-4
Open / Close	120-130 / 52-70 ° C
1st Cycle trip at 25 ° C	49.00 Amps(main) - Amps(start)
Motor Starter	
Type	-
Model Number	-
Pick Up (max.)	- Volts
Drop Out (min.)	- Volts
Terminal Cover	KGM 901-2
Start Capacitor	No µF No VAC.
Disch Resistor for Start Cap	-
Run Capacitor	No µF No VAC.

Mounting Kit

Rubber Grommet	4007KGM905
Sleeve Grommet	4023KGM903-2
Washer	-

Since we are constantly improving our product , the specification are subject to change without notice.

REV. DATE 18-01-13

C / N No. 0012/13

Certificate Marks

Q-MARK RoHS

COMPRESSOR PERFORMANCE TABLE