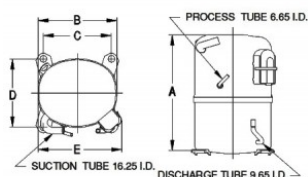




**KULTHORN KIRBY
PUBLIC COMPANY LIMITED**

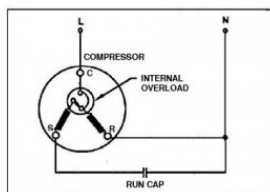
**HERMETIC
COMPRESSOR
MODEL : AW 5532EK-P
BOM ID : S54-A0**

PRINCIPAL DIMENSIONS - MM



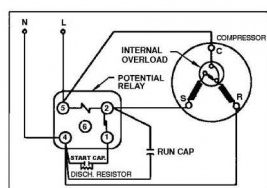
A: 324 B: 223 C: 191 D: 191 E: 238

SCHEMATIC WIRING DIAGRAM P.S.C.



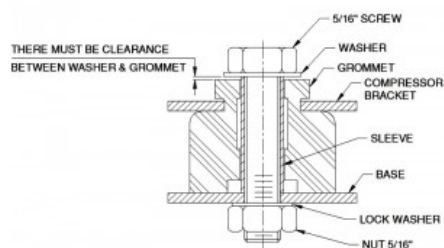
Low Torque Start

SCHEMATIC WIRING DIAGRAM C.S.R.



Option for High Torque Only

MOUNTING KIT



Electrical : 220-240 V/ 50 Hz., - V/ - Hz. 1 Phase -/- HP

Nominal Performance

Capacity	7,870 / - Watts
	26,852 / - BTU/Hr
	6,767 / - Kcal/Hr
Power Input	2,580 / - Watts
Locked Rotor Amps	73.00 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	13.00 / - Amps
COP	3.05 / - Watts / Watts
EER	10.41 / - BTU/W-Hr

Testing Conditions

Condensing Temperature	54.40 °C	129.92 °F
Evaporating Temperature	7.20 / - °C	44.96 / - °F
Liquid Temperature	46.10 °C	114.98 °F
Return Gas Temperature	35.00 °C	95.00 °F
Ambient Temperature	35.00 °C	95.00 °F

Application

Evaporating Temp. Range	HBP, A/C	@ 0.00 °C to 13.00 °C (32.00 F to 55.40 °F)
	Heat Pump	-23.30 °C to 13.00 °C (-9.94 F to 55.40 °F)

Refrigerant	R22
Refrigerant Flow Control	Capillary Tube
Compressor Cooling	Fan

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	53.5 cc.
Oil Type	Mineral Oil
Oil Charge	964 cc.
Motor Type	P.S.C. ; 2 Pole 2850 / - r/m
Voltage Range	198-264/- Volts 50/- Hz.

Winding Resistance at 25 ° C

Start	2.90 Ohms
Run	0.82 Ohms
Weight with Oil	28.28 Kg.
Weight with Oil and Accessories	28.78 Kg.

Electrical Components

Motor Protector

Type	Internal Overload
Model Number	4042KGE656-2
Open / Close	115-125 / 78-60 ° C
1st Cycle trip at 25 ° C	73.00 Amps(main) 39.00 Amps(start)

Motor Starter

Type	Potential Relay
Model Number	4043KGE681-3 (RVA3H6D)
Pick Up (max.)	190-215 Volts
Drop Out (min.)	40-105 Volts
Terminal Cover	4040KGM901-2
Start Capacitor	88-106 µF 330 VAC.
Disch Resistor for Start Cap	-
Run Capacitor	50 µF 440 VAC.

Mounting Kit

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

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

REV. DATE 13-10-2017 C / N No. 0394/17

Certificate Marks



RoHS

COMPRESSOR PERFORMANCE TABLE