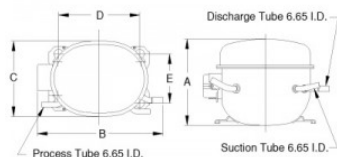




**KULTHORN KIRBY
PUBLIC COMPANY LIMITED**

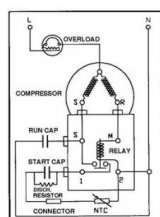
**HERMETIC
COMPRESSOR
MODEL : AE 4474EK
BOM ID : 15T-A0
High Torque Start**

PRINCIPAL DIMENSIONS - MM



A: 212 B: 265 C: 155 D: 165 E: 102

SCHEMATIC WIRING DIAGRAM C.S.R.

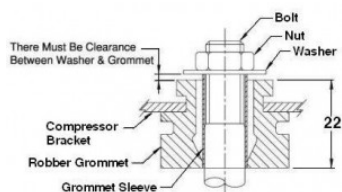


SCHEMATIC WIRING DIAGRAM -

-

-

MOUNTING KIT



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

Nominal Performance

Capacity	1,800 / - Watts
	6,142 / - BTU/Hr
	1,548 / - Kcal/Hr
Power Input	840 / - Watts
Locked Rotor Amps	19.20 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	3.95 / - Amps
COP	2.14 / - Watts / Watts
EER	7.31 / - 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	@ -6.70 °C to 12.70 °C (19.94 F to 54.86 °F)
	Heat Pump	- °C to - °C (- °F to - °F)

Refrigerant	R22
Refrigerant Flow Control	Capillary Tube
Compressor Cooling	Fan

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	14.14 cc.
Oil Type	Mineral Oil
Oil Charge	407 cc.
Motor Type	C.S.R. ; 2 Pole 2850 / - r/m
Voltage Range	198-264/- Volts 50/- Hz.

Winding Resistance at 25 ° C

Start	14.25 Ohms
Run	4.62 Ohms
Weight with Oil	11.80 Kg.
Weight with Oil and Accessories	12.50 Kg.

Electrical Components

Motor Protector

Type	External 3/4"
Model Number	KME666-2/C
Open / Close	130-140 / 61-43 ° C
1st Cycle trip at 25 ° C	13.00 Amps(main) - Amps(start)

Motor Starter

Type	Current Relay
Model Number	KME682-25NT
Pick Up (max.)	9.60 Amps
Drop Out (min.)	8.40 Amps
Terminal Cover	KMD 901-12
Start Capacitor	36-43 µF 330 VAC.
Disch Resistor for Start Cap	15000 Ohms 2 W
Run Capacitor	15 µF 440 VAC.

Mounting Kit

Rubber Grommet	4007KMD905-3
Sleeve Grommet	3KMD903-2-Z
Washer	4023KEB387

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

REV. DATE 18-11-2017 C / N No. 0449/17

Certificate Marks



COMPRESSOR PERFORMANCE TABLE