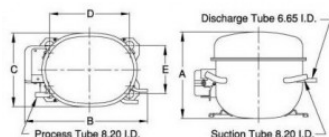




**KULTHORN KIRBY
PUBLIC COMPANY LIMITED**

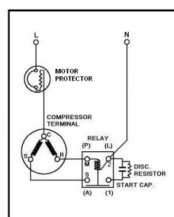
**HERMETIC
COMPRESSOR
MODEL : AE 4440Y
BOM ID : S06-A0
High Torque Start**

PRINCIPAL DIMENSIONS - MM



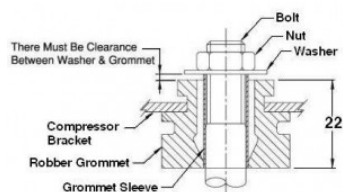
A: 204 B: 270 C: 155 D: 165 E: 102

SCHEMATIC WIRING DIAGRAM C.S.I.R.



SCHEMATIC WIRING DIAGRAM -

MOUNTING KIT



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

Nominal Performance

Capacity	1,075 / - Watts
	3,668 / - BTU/Hr
	924 / - Kcal/Hr
Power Input	505 / - Watts
Locked Rotor Amps	14.00 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	3.10 / - Amps
COP	2.13 / - Watts / Watts
EER	7.26 / - 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	- to - (- to -)
Refrigerant	R134a/R1234yf	
Refrigerant Flow Control	Capillary	
Compressor Cooling	Fan	

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	12.04 cc.
Oil Type	Polyolester Oil
Oil Charge	300 cc.
Motor Type	C.S.I.R. ;2 Pole 2850 / - r/m
Voltage Range	187-264/- Volts 50/- Hz.
Winding Resistance at 25 ° C	
Start	21.61 Ohms
Run	5.20 Ohms
Weight with Oil	10.91 Kg.
Weight with Oil and Accessories	11.36 Kg.

Electrical Components

Motor Protector	
Type	External 3/4"
Model Number	KME660-8/C
Open / Close	100-110 / 78-60 ° C
1st Cycle trip at 25 ° C	11.00 Amps(main) - Amps(start)
Motor Starter	
Type	Current Relay
Model Number	KME684-3
Pick Up (max.)	6.70 Amps
Drop Out (min.)	5.90 Amps
Terminal Cover	4040KMD901-12
Start Capacitor	36-43 µF 330 VAC.
Disch Resistor for Start Cap	15000 Ohms 2 W
Run Capacitor	- µF - 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 01-10-2021 C / N No. 0235/21

Certificate Marks



RoHS

COMPRESSOR PERFORMANCE TABLE