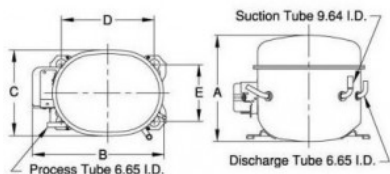




**KULTHORN KIRBY
PUBLIC COMPANY LIMITED**

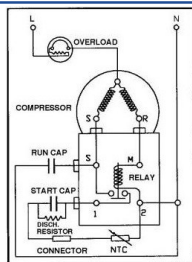
**HERMETIC
COMPRESSOR
MODEL : AE 7430Y
BOM ID : 17P-A0
High Torque Start**

PRINCIPAL DIMENSIONS - MM



A: 217 B: 242 C: 155 D: 165 E: 102

SCHEMATIC WIRING DIAGRAM C.S.R.

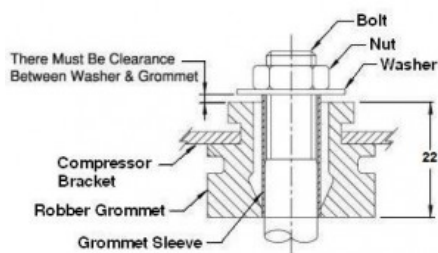


SCHEMATIC WIRING DIAGRAM -

-

-

MOUNTING KIT



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

Nominal Performance

Capacity	745 / - Watts
	2,542 / - BTU/Hr
	641 / - Kcal/Hr
Power Input	455 / - Watts
Locked Rotor Amps	12.75 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	2.18 / - Amps
COP	1.64 / - Watts / Watts
EER	5.59 / - BTU/W-Hr

Testing Conditions

Condensing Temperature	54.40 °C	129.92 °F
Evaporating Temperature	-6.70 / - °C	19.94 / - °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	MBP	@ -23.30 °C to -1.10 °C (-9.94 F to 30.02 °F)
	Heat Pump	- to - (- to -)
Refrigerant	R134a	
Refrigerant Flow Control	Capillary Tube	
Compressor Cooling	Fan	

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	16.08 cc.
Oil Type	Polyolester Oil
Oil Charge	400 cc.
Motor Type	C.S.R. ;2 Pole 2,850 / - r/m
Voltage Range	187-264/- Volts 50/- Hz.
Winding Resistance at 25 ° C	
Start	11.34 Ohms
Run	5.68 Ohms
Weight with Oil	11.81 Kg.
Weight with Oil and Accessories	12.46 Kg.

Electrical Components

Motor Protector

Type	External 3/4"
Model Number	KME660-24/C
Open / Close	115-125 / 78-60 ° C
1st Cycle trip at 25 ° C	11.40 Amps(main) - Amps(start)

Motor Starter

Type	Current Relay
Model Number	KME682-1NT
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	8 µF 450 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



RoHS

COMPRESSOR PERFORMANCE TABLE