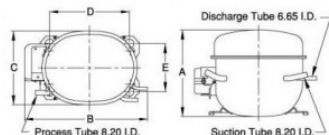




**KULTHORN KIRBY
PUBLIC COMPANY LIMITED**

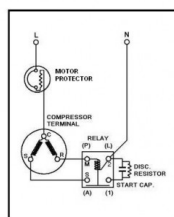
**HERMETIC
COMPRESSOR
MODEL : AE 4430Y
BOM ID : S01-A0
High Torque Start**

PRINCIPAL DIMENSIONS - MM



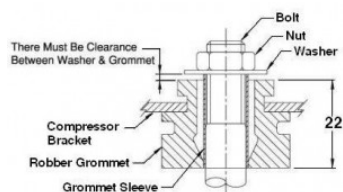
A: 189 B: 270 C: 155 D: 165 E: 102

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	833 / - Watts 2,842 / - BTU/Hr 716 / - Kcal/Hr
Power Input	397 / - Watts
Locked Rotor Amps	14.00 / - Amps
Max Continuous Current	- / - Amps
Rated Load Amps	2.60 / - Amps
COP	2.10 / - Watts / Watts
EER	7.16 / - 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 12.00 °C (19.94 F to 53.60 °F)
	Heat Pump	- to - (- to -)
Refrigerant	R134a	
Refrigerant Flow Control	Capillary Tube	
Compressor Cooling	Fan	

Compressor and Motor data

Compressor Type	Reciprocating
Displacement	8.86 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	19.35 Ohms
Run	5.88 Ohms
Weight with Oil	10.00 Kg.
Weight with Oil and Accessories	10.45 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	KME684-1
Pick Up (max.)	6.40 Amps
Drop Out (min.)	5.60 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 10-02-2017 C / N No. 0067/17

Certificate Marks



RoHS

COMPRESSOR PERFORMANCE TABLE