



# KULTHORN KIRBY PUBLIC CO.,LTD.

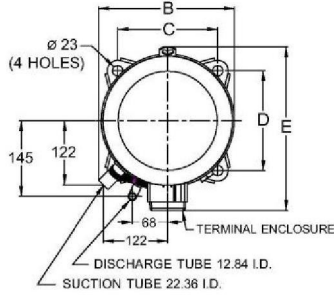
## TECHNICAL SPECIFICATION

**HERMETIC  
COMPRESSOR**

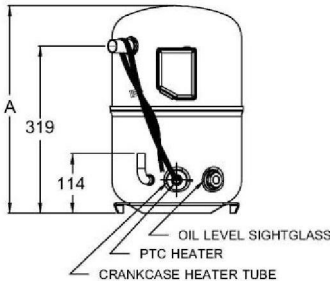
**KA 5572ZXG  
BOM ID 060-A0**

**UNCONTROLLED COPY**

### PRINCIPAL DIMENSIONS - mm

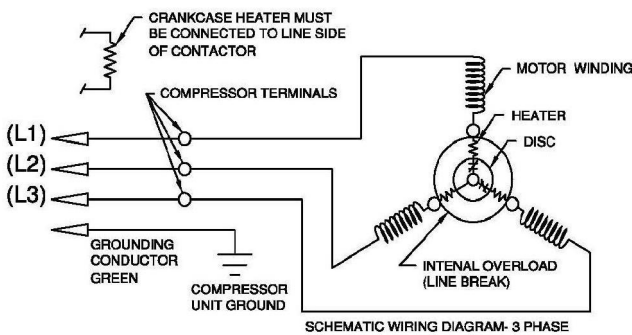


<b>A</b>	<b>399</b>
<b>B</b>	<b>246</b>
<b>C</b>	<b>190</b>
<b>D</b>	<b>190</b>
<b>E</b>	<b>313</b>

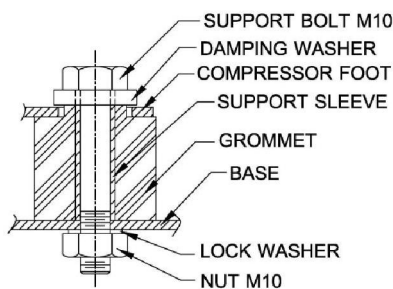


### SCHEMATIC WIRING DIAGRAM -

### SCHEMATIC WIRING DIAGRAM 3 PHASE



### MOUNTING KIT



**ELECTRICAL 380-420 V / 50 Hz., 440-460 V / 60 Hz. 3 Phase**

### Nominal Performance

Cooling Capacity :	( 63,000 / 71,600 ) BTU/Hr	18,464 / 20,985	Watts
		15,877 / 18,044	Kcal/Hr
Power Input :	6,040 / 7,120		Watts
Lock Rotor Amps :	62 / 70		Amps
Rated Load Amps :	11.1 / 10.9		Amps
COP (EER) :	3.06 / 2.95		W/W ( 10.43 / 10.06 ) BTU/W-Hr

### Testing Conditions

Condensing Temperature :	54.4	°C
Evaporating Temperature :	+7.2	°C
Liquid Temperature :	46.1	°C
Return Gas Temperature :	35	°C
Ambient Temperature :	35	°C

### Application

Evaporating Range :	<b>HBP</b>	-15 °C to +13 °C
Refrigerant :		R404A
Expansion :		Capillary Tube/Expansion valve
Compressor Cooling :		Fan

### Compressor and Motor data

Compressor Type :	Reciprocating
Displacement :	115 cc.
Oil Type :	Polyolester Oil
Oil Charge :	2,030 cc.
Motor Type :	<b>3 PHASE</b> ; 2 Pole 2,850 / 3,450 rpm
Voltage Range :	342-462 / 50 Hz. , 414-506V / 60 Hz.
Winding Resistance at 25 °C	
L1-L2	1.75 Ohms
L1-L3	1.75 Ohms
L2-L3	1.75 Ohms

Weight with Oil :	44.00	Kg.
Weight with Oil and Accessories :	44.40	Kg.

### Electrical Components

#### Motor Protector :

Type :	Internal Overload
Model Number :	KKE 656-1
Open / Close :	110-120 / 52-70 °C
1st Cycle trip at 25°C :	48 Amps

#### Motor Starter (CSR Only) :

Type :	-
Model Number :	-
Pick Up :	- Volts.
Drop Out :	- Volts.
Terminal Cover :	KLD 901

#### Start Capacitor (CSR Only) :

No  $\mu$  F No VAC.

#### Run Capacitor :

No  $\mu$  F No VAC.

### Mounting Kit

Rubber Grommet :	KLD 905
Sleeve Grommet :	KLD 903

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

REV. DATE

08-06-12

C / N No.

0278/12