

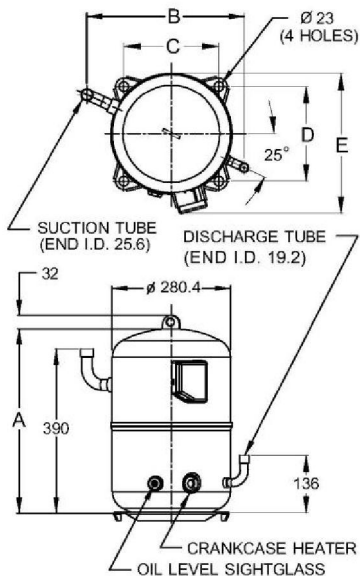


KULTHORN KIRBY PUBLIC CO.,LTD.

TECHNICAL SPECIFICATION

**HERMETIC
COMPRESSOR**
LA 5590ZXG
BOM ID 024-A0

PRINCIPAL DIMENSIONS - mm



A	438
B	384
C	225
D	225
E	334

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

Nominal Performance

Cooling Capacity :	73,815 / 88,580	BTU/Hr	21,634 / 25,961	Watts
	18,603 / 22,323	Kcal/Hr		
Power Input :	7,230 / 8,850	Watts		
Lock Rotor Amps :	60 / 60	Amps		
Rated Load Amps :	14.6 / 14.5	Amps		
COP (EER) :	2.99 / 2.93	W/W (10.21 / 10.01)	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 :	HBP	A/C	0 ° C to +13 ° C
Refrigerant :			R404A
Expansion :			Capillary Tube/Expansion valve
Compressor Cooling :			Fan

Compressor and Motor data

Compressor Type :	Reciprocating
Displacement :	174 cc.
Oil Type :	Polyolester Oil
Oil Charge :	3,530 cc.
Motor Type :	3 PHASE ; 2 Pole 2880 / 3450 rpm
Voltage Range :	323-437 / 50 Hz. , 391-529 V / 60 Hz.
Winding Resistance at 25 ° C	
L1-L2	2.10 Ohms
L1-L3	2.10 Ohms
L2-L3	2.10 Ohms

Weight with Oil :	55.40	Kg.
Weight with Oil and Accessories :	55.70	Kg.

Electrical Components

Motor Protector :

Type :	Internal Overload
Model Number :	KLE 657-1
Open / Close :	135-145 / 52-70 ° C
1st Cycle trip at 25°C :	68 Amps

Motor Starter (CSR Only) :

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

Start Capacitor (CSR Only) :

No	μ F	No	VAC.
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Run Capacitor :

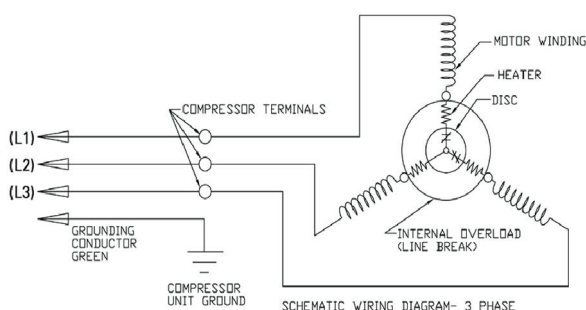
No	μ F	No	VAC.
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Mounting Kit

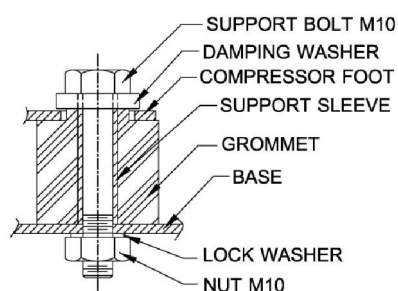
Rubber Grommet :	KLD 905
Sleeve Grommet :	KLD 903

SCHEMATIC WIRING DIAGRAM -

SCHEMATIC WIRING DIAGRAM 3 PHASE



MOUNTING KIT



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

REV. DATE

TCN 19-02-13

C / N No.

TCN 0066/13