



KULTHORN KIRBY PUBLIC CO.,LTD.

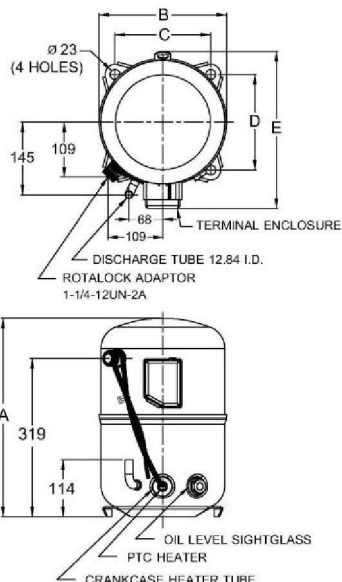
TECHNICAL SPECIFICATION

UNCONTROLLED COPY

HERMETIC
COMPRESSOR

KA 5564ZXG
BOM ID 059-A0

PRINCIPAL DIMENSIONS - mm



A	399
B	246
C	190
D	190
E	313

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

Nominal Performance

Cooling Capacity :	(56,000 / 64,200) BTU/Hr	16,413 / 18,816 Watts
	14,113 / 16,179 Kcal/Hr	
Power Input :	5,170 / 6,100	Watts
Lock Rotor Amps :	62 / 70	Amps
Rated Load Amps :	9.8 / 9.7	Amps
COP (EER) :	3.17 / 3.08	W/W (10.83 / 10.52) 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	-15 ° C to +13 ° C
Refrigerant :		R404A
Expansion :		Capillary Tube/Expansion valve
Compressor Cooling :		Fan

Compressor and Motor data

Compressor Type :	Reciprocating
Displacement :	100 cc.
Oil Type :	Polyolester Oil
Oil Charge :	2,030 cc.
Motor Type :	3 PHASE ; 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

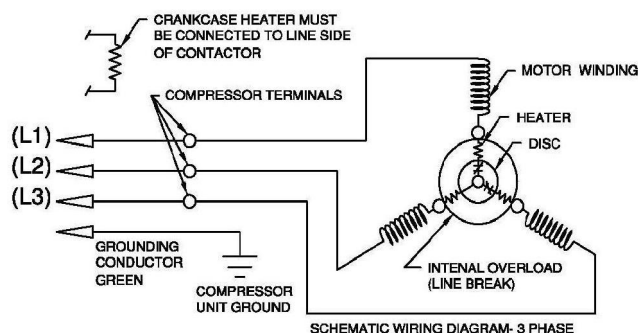
Start Capacitor (CSR Only) :	No	μ F	No	VAC.
Run Capacitor :	No	μ F	No	VAC.

Mounting Kit

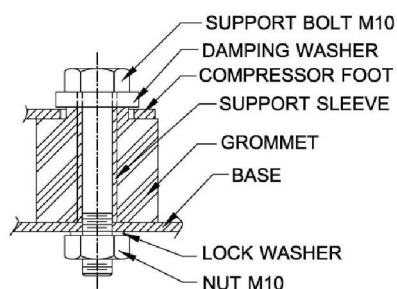
Rubber Grommet :	KLD 905
Sleeve Grommet :	KLD 903

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

08-06-12

C / N No.

0278/12