



KULTHORN KIRBY PUBLIC CO.,LTD.

TECHNICAL SPECIFICATION

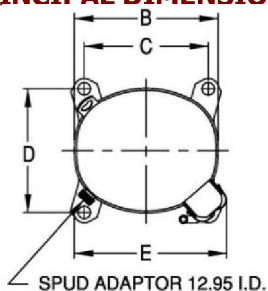
UNCONTROLLED COPY

HERMETIC
COMPRESSOR

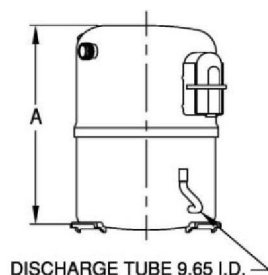
AW 5526Z-9

BOM ID 74X-A0

PRINCIPAL DIMENSIONS - mm



A	324
B	223
C	191
D	191
E	239



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

Nominal Performance

Cooling Capacity :	6,460 / 7,651	Watts (22,042 / 26,104)	BTU/Hr
	5,555 / 6,579	Kcal/Hr	
Power Input :	2,140 / 2,511	Watts	
Lock Rotor Amps :	24 / 24	Amps	
Rated Load Amps :	3.5 / 3.4	Amps	
COP (EER) :	3.02 / 3.05	W/ W (10.30 / 10.40)	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 device:		Capillary Tube
Compressor Cooling :		Fan

Compressor and Motor data

Compressor Type :	Reciprocating
Displacement :	43.1 cc.
Oil Type :	Polyolester Oil
Oil Charge :	964 cc.
Motor Type :	3 PHASE ; 2 Poles 2850 / 3450 rpm
Voltage Range :	342-462 V / 50Hz, 414-506 V / 60 Hz.
Winding Resistance at 25 ° C	
L1-L2	6.14 Ohms
L1-L3	6.70 Ohms
L2-L3	6.36 Ohms

Weight with Oil :	27.29	Kg.
Weight with Oil and Accessories :	27.43	Kg.

Electrical Components

Motor Protector :

Type :	Internal Overload
Model Number :	KGE 658-2
Open / Close :	105-115 / 52-70 ° C
1st Cycle trip :	19 Amps

Motor Starter (CSR Only) :

Type :	-
Model Number :	-
Pick Up :	- Volts.
Drop Out :	- Volts.
Terminal Cover :	KGM 901-2

Start Capacitor (CSR Only) :

No μ F No VAC.

Run Capacitor :

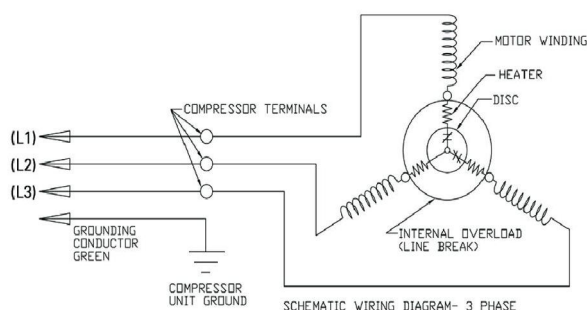
No μ F No VAC.

Mounting Kit

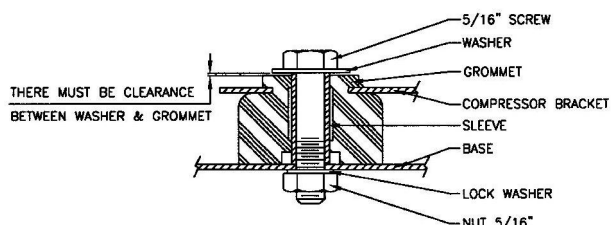
Rubber Grommet :	KGM 905
Sleeve Grommet :	KGM 903

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

18-12-12

C / N No.

0622/12