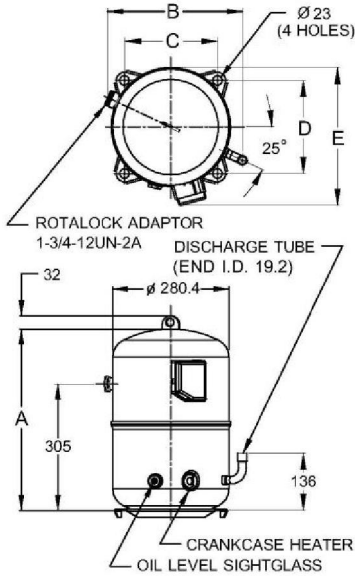




### PRINCIPAL DIMENSIONS - mm



|          |            |
|----------|------------|
| <b>A</b> | <b>454</b> |
| <b>B</b> | <b>329</b> |
| <b>C</b> | <b>225</b> |
| <b>D</b> | <b>225</b> |
| <b>E</b> | <b>334</b> |

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

#### Nominal Performance

|                    |                             |                     |          |
|--------------------|-----------------------------|---------------------|----------|
| Cooling Capacity : | ( 97,000 / 120,000 ) BTU/Hr | 28,429 / 35,170     | Watts    |
|                    |                             | 24,446 / 30,242     | Kcal/Hr  |
| Power Input :      | 9,800 / 12,120              |                     | Watts    |
| Lock Rotor Amps :  | 85 / 85                     |                     | Amps     |
| Rated Load Amps :  | 19.7 / 21.0                 |                     | Amps     |
| COP (EER) :        | 2.90 / 2.90                 | W/W ( 9.90 / 9.90 ) | 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> A/C: | 0 °C to +13 °C                 |
| Refrigerant :        |                 | R22                            |
| Expansion :          |                 | Capillary Tube/Expansion valve |
| Compressor Cooling : |                 | Fan                            |

#### Compressor and Motor data

|                             |   |
|-----------------------------|---|
| Compressor Type :           | Reciprocating                             |
| Displacement :              | 211 cc.                                   |
| Oil Type :                  | Alkylbenzene                              |
| Oil Charge :                | 3,500 cc.                                 |
| Motor Type :                | <b>3 Phase</b> ; 2 Pole 2,880 / 3,450 rpm |
| Voltage Range :             | 373-456 / 50 Hz. , 414-506V / 60 Hz.      |
| Winding Resistance at 25 °C |   |
| L1-L2                       | 1.45 Ohms                                 |
| L1-L3                       | 1.45 Ohms                                 |
| L2-L3                       | 1.45 Ohms                                 |

|                                   |       |     |
|-----------------------------------|-------|-----|
| Weight with Oil :                 | 58.89 | Kg. |
| Weight with Oil and Accessories : | 59.22 | Kg. |

#### Electrical Components

##### Motor Protector :

|                          |                    |
|--------------------------|--------------------|
| Type :                   | Internal Overload  |
| Model Number :           | KLE 657-2          |
| Open / Close :           | 135-145 / 52-70 °C |
| 1st Cycle trip at 25°C : | 90 Amps            |

##### Motor Starter (CSR Only) :

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

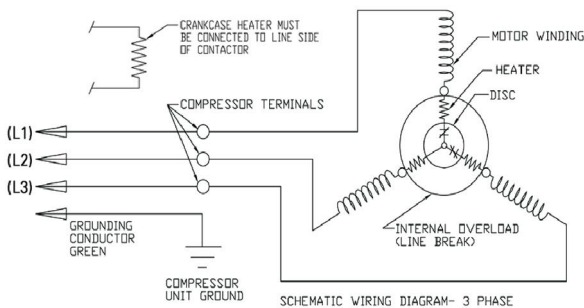
|                                     |    |     |    |      |
|-------------------------------------|----|-----|----|------|
| <b>Start Capacitor (CSR Only) :</b> | No | µ F | No | VAC. |
| <b>Run Capacitor :</b>              | No | µ F | No | VAC. |

#### Mounting Kit

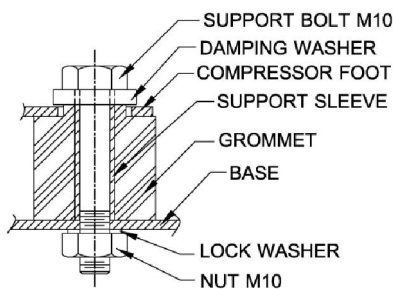
|                  |         |
|------------------|---------|
| Rubber Grommet : | KLD 905 |
| Sleeve Grommet : | KLD 903 |

### 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.

0278/123