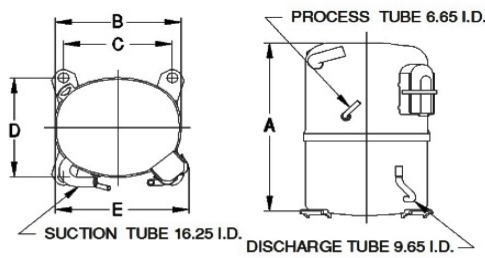


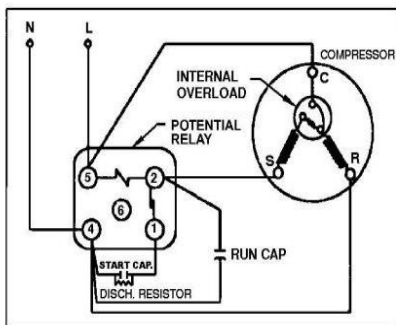


**PRINCIPAL DIMENSIONS - mm**



|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| A: 324 | B: 223 | C: 191 | D: 191 | E: 239 |
|--------|--------|--------|--------|--------|

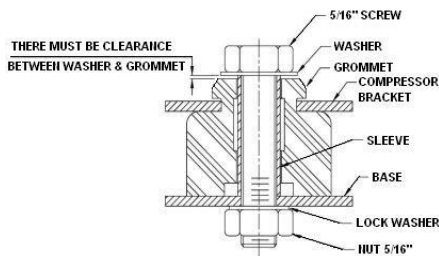
**SCHEMATIC WIRING DIAGRAM C.S.R.**



High Torque Start

**SCHEMATIC WIRING DIAGRAM -**

**MOUNTING KIT**



Electrical : 220-240 V/50 Hz. 1 Phase

**Nominal Performance**

|                        |                        |
|------------------------|------------------------|
| Capacity               | 2,322 / - Watts        |
|                        | 7,923 / - BTU/Hr       |
|                        | 1,997 / - Kcal/Hr      |
| Power Input            | 1,613 / - Watts        |
| Locked Rotor Amps      | 56.00 / - Amps         |
| Max Continuous Current | - / - Amps             |
| Rated Load Amps        | 8.00 / - Amps          |
| COP                    | 1.44 / - Watts / Watts |
| EER                    | 4.91 / - BTU/W-Hr      |

**Testing Conditions**

|                         |               |             |
|-------------------------|---------------|-------------|
| Condensing Temperature  | 54.40 °C      | 129.9 °F    |
| Evaporating Temperature | -23.30 / - °C | -9.9 / - °F |
| Liquid Temperature      | 32.20 °C      | 90.0 °F     |
| Return Gas Temperature  | 32.20 °C      | 90.0 °F     |
| Ambient Temperature     | 32.20 °C      | 90.0 °F     |

**Application**

|                          |                |   |
|--------------------------|----------------|---|
| Evaporating Temp. Range  | LBP            | @ -40.00 ° C to -12.20 ° C<br>(-40.0° F to 10.0° F) |
|                          | Heat Pump      | - ° C to - ° C<br>(-° F to -° F)                    |
| Refrigerant              | R404A          |   |
| Refrigerant Flow Control | Capillary Tube |   |
| Compressor Cooling       | Fan            |   |

**Compressor and Motor data**

|                                 |                               |
|---------------------------------|-------------------------------|
| Compressor Type                 | Reciprocating                 |
| Displacement                    | 53.50 cc.                     |
| Oil Type                        | Polyolester Oil               |
| Oil Charge                      | 1,067 cc.                     |
| Motor Type                      | C.S.R. ; 2 Pole 2,850 / - r/m |
| Voltage Range                   | 198-264/- Volts 50/- Hz.      |
| Winding Resistance at 25 ° C    |                               |
| Start                           | 5.00 Ohms                     |
| Run                             | 1.22 Ohms                     |
| Weight with Oil                 | 28.80 Kg.                     |
| Weight with Oil and Accessories | 29.60 Kg.                     |

**Electrical Components**

**Motor Protector**

|                          |                                    |
|--------------------------|------------------------------------|
| Type                     | Internal Overload                  |
| Model Number             | 4042KGE656-2                       |
| Open / Close             | 115-125 / 78-60 ° C                |
| 1st Cycle trip at 25 ° C | 73.00 Amps(main) 39.00 Amps(start) |

**Motor Starter**

|                              |                         |
|------------------------------|-------------------------|
| Type                         | Potential Relay         |
| Model Number                 | 4043KGE681-9 (RVA4AM6D) |
| Pick Up (max.)               | 242.00-272.00 Volts     |
| Drop Out (min.)              | 60.00-121.00 Volts      |
| Terminal Cover               | KGM 901-2               |
| Start Capacitor              | 145-174 µF 330 VAC.     |
| Disch Resistor for Start Cap | 15000 Ohms 2 W          |
| Run Capacitor                | 25 µF 440 VAC.          |

**Mounting Kit**

|                |              |
|----------------|--------------|
| Rubber Grommet | 4007KGM905-2 |
| Sleeve Grommet | 4023KGM903-2 |
| Washer         | -            |

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

REV. DATE  
13-10-17

C / N No.  
0394/17

**Certificate Marks**

