



# INDUBEL S.R.L.

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System: **English (Switch to Metric)**  
 Compressor Model: **H2BG094DBE**

Refrigerant: **R22**  
 Revision Level.: **1**

Series Family: **G**

## Technical Specifications

|         |       |           |
|---------|-------|-----------|
| Voltage | Phase | Frequency |
| 380/415 | 3     | 50        |

|                              |                 |
|------------------------------|-----------------|
| Evaporator Temperature Range | -20° F to 55° F |
|------------------------------|-----------------|

### Nominal Performance Data @ 50 Hz

|                     |        |
|---------------------|--------|
|                     | ARI    |
|                     | (380v) |
| Capacity (BTU/Hr)   | 72,400 |
| Motor Input (Watts) | 7,020  |
| Current (Amps)      | 12.0   |
| EER (BTU/WHR)       | 10.3   |
| Efficiency (%)      |        |
| Evaporating Temp.   | 45     |
| Condensing Temp.    | 130    |
| Ambient Temp.       | 95     |
| Liquid Temp.        | 115    |
| Return Gas Temp.    | 65     |

## Mechanical Data

|                                     |              |                                |           |
|-------------------------------------|--------------|--------------------------------|-----------|
| Bore X Stroke (in)                  | 2.188 X .906 | Speed (rpm)                    | 2950      |
| Displacement (ft <sup>3</sup> /hr)  | 697.9        | IPRV Setting ΔP(psig)          | 450 - 550 |
| Displacement (in <sup>3</sup> /rev) | 6.813        | Refrigerant Charge Limit (lbs) | 10        |

## Electrical Data

|                      |                     |                |        |                               |             |             |
|----------------------|---------------------|----------------|--------|-------------------------------|-------------|-------------|
| RLA :                | 12                  | U .L. File :   | SA5470 | Motor Res. In Ohms ( Ω ) ± 5% |             |             |
| LRA (1st Winding) :  | N/A                 | CE Approval :  | Yes    | T1-T3 (C-R)                   | T1-T2 (C-S) | T2-T3 (S-R) |
| LRA (Full Winding) : | 72                  | CCC Approval : | Yes    |                               |             |             |
| MCC :                | 18                  |                |        | 1.830                         | 1.830       | 1.830       |
| Voltage Range :      | 342 - 457           |                |        |                               |             |             |
| Protection Type :    | Internal Line Break |                |        |                               |             |             |

## Electrical Accessory Components

|                               |  |
|-------------------------------|--|
| Module Voltage Options :      | Crankcase Heater :   |
| 24V Module, Bristol P/N: N/A  | Watts : Wrap Around - 70<br>Bristol P/N : Tutco 02-4152-07S                    |
| 120V Module, Bristol P/N: N/A | Recommended Valves :   |
| 230V Module, Bristol P/N: N/A | 1 5/8 Suction , Bristol P/N : 250508<br>1 1/8 Discharge , Bristol P/N : 250507 |

## Misc. Technical Info.

|                                 |                 |          |
|---------------------------------|-----------------|----------|
| , Alkylbenzene 150T             | Oil Charge (oz) |          |
| Spec: 581006                    | Initial Charge  | Recharge |
| Viscosity: 28.2 per cSt @ 40° C | 96              | 80       |

|                   |   |                             |           |            |
|-------------------|---|-----------------------------|-----------|------------|
| Sound Power (dBA) |   |                             | Weight    |            |
|                   | Internal Free Volume (in <sup>3</sup> ) | Max. Compressor Height (in) | Net (lbs) | Ship (lbs) |
|                   | 1105                                    | 17.594                      | 128.00    | 138.00     |