

Mbsm.pro, Compressor, FR7GH, 103G6683, Hbp, Cooling, 1/5 hp, r134a

Category: compressor

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SECOP FR7GH (103G6683) (R134A – 1/5HP – 220-240V 50/60Hz / 208-230V 60Hz – M/HBP – 6.88cm³ / 0.42in³ – 1320BTU/h +/20F – 2537BTU/h +45F)

The **SECOP FR7GH (103G6683)** is a hermetic reciprocating compressor designed for refrigeration applications, particularly those utilizing the refrigerant **R134a**. Here are the detailed specifications and features:

Specifications

- **Model:** FR7GH
- **Part Number:** 103G6683
- **Refrigerant:** R134a
- **Power Rating:** Approximately 1/5 HP
- **Voltage:**
 - 220-240V at 50/60Hz
 - 208-230V at 60Hz
- **Displacement:** 6.88 cm³ (0.42 in³)
- **Cooling Capacity:**
 - Approximately 1320 BTU/h at +20°F
 - Approximately 2537 BTU/h at +45°F
- **Operating Temperature Range:** Suitable for medium to high back pressure (M/HBP) applications cooling.
- **Oil Type:** Polyolester oil (POE)

Applications

The FR7GH compressor is commonly used in various refrigeration systems, including:

- Commercial refrigeration units
- Air conditioning systems

Maintenance

Regular maintenance of the compressor is essential for optimal performance and longevity. This includes checking refrigerant levels, ensuring proper oil levels, and inspecting electrical connections.

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