

APPLICATION

| | | | |
|-------------------------|----------------|------------------------------|--------|
| Refrigerant | R600a | Max. Ambient temp. | 43 °C |
| Application | LBP | Max. Steady discharge temp. | 120 °C |
| Expansion Device | Capillary | Max. Peak discharge temp. | 135 °C |
| Cooling Type | Static | Max. Steady condensing temp. | 60 °C |
| Evaporation temp. range | -35°C to -10°C | Max. Peak condensing temp. | 70 °C |
| | | Max. Winding temp. | 130 °C |

BASIC PARAMETER

| | | | |
|---------------------|-------------|-----------------------------|-----------|
| Compressor Model | HKD10FSK(I) | Rated Voltage | 200~240 V |
| Displacement | 10.0 cc | Rated Frequency | 50/60 Hz |
| Net Weight | 8.0 kg | | |
| Oil Type | WF7A | Motor type | PMSM |
| Oil Charge | 200 cc | Electrical insulation class | B |
| Oil Viscosity @40°C | 7 cSt | Height (H) | 163 mm |

ELECTRICAL DATA

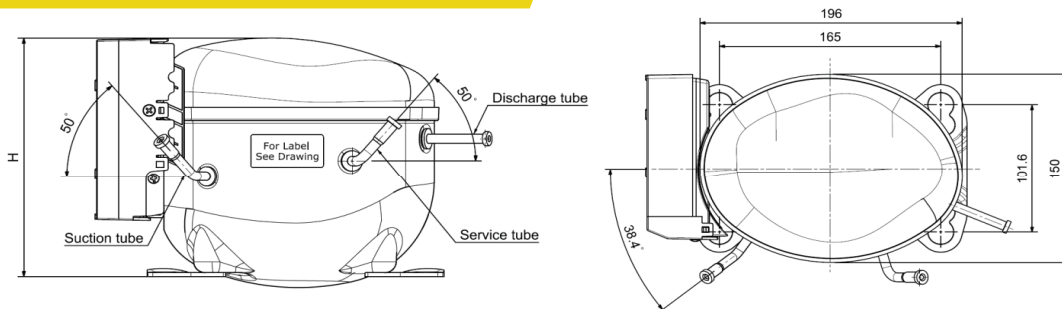
| | |
|----------------------------|-------------------|
| Enamelled Wires Material | Cu |
| Line-line Resistance @20°C | 9.2 Ω |
| Starting Device | Electronic Driver |
| Speed Range | 1400~4000 rpm |
| Connecting board | ESD |

PERFORMANCE DATA

| Speed | Cooling Capacity | Input Power | COP | Current |
|-------|------------------|-------------|------|---------|
| rpm | W | W | W/W | A |
| 1400 | 83 | 45 | 1.85 | 0.23 |
| 2400 | 138 | 71 | 1.95 | 0.36 |
| 4000 | 225 | 125 | 1.8 | 0.63 |

| | |
|-------------------|----------|
| Evaporating temp. | -23.3 °C |
| Condensing temp. | +55 °C |
| Subcooling temp. | +32 °C |
| Suction temp. | +32 °C |
| Ambient temp. | +32 °C |

COMPRESSOR OUTLINE



* H is shown in basic parameter.