HGZ7/1620-4 R404A/R507

**Technical data**

- **Number of cylinders / Bore / Stroke**: 6 / 70 mm / 70 mm
- **Displacement LP/HP 50 Hz (1450 rpm)**: 93,70 / 46,90 m³/h
- **Displacement LP/HP 60 Hz (1740 rpm)**: 112,50 / 56,20 m³/h
  - **Voltage**: 380-420 V Δ/YYY - 3 - 50 Hz PW
    - 440-480 V Δ/YYY - 3 - 60 Hz PW
  - **Winding divided into**: 60% / 40%
- **Max. working current**: 50,0 A
- **Max. power consumption**: 27,0 kW
- **Starting current (rotor blocked)**: 185,0 / 278,0 A
- **Motor protection**: MP10
- **Protection terminal box**: IP 65
- **Weight**: 294 kg
- **Max. permissible pressure (LP/MP/HP)**: 19 / 19 / 28 bar

**Performance data and operating limits**

- **Connection suction line**: SV 54 mm - 2 1/8 "
- **Connection discharge line**: DV 35 mm - 1 3/8 "
- **Connection intercooler ON / OFF**: 16 mm - 5/8 "
- **Lubrication**: Oil pump
  - **Oil type** R404A, R410A: FUCHS Reniso Triton SE 55
  - **Oil type** R22: FUCHS Reniso SP 46
  - **Oil charge**: 4,5 Ltr.
  - **Oil sump heater**: 230 V - 1 - 50/60 Hz, 140 W
- **Dimensions**: 825 / 630 / 635 mm

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1) LP = Low pressure  
MP = Middle pressure
HP = High pressure

2) Tolerance (± 10%) relates to the mean value of the voltage range. Other voltages and current types on request. All data are based on voltage rms values.

PW = part winding, motors for part winding starting (no start unloaders required)

Designs for Y/Δ on request.

3) - The specifications for max. power consumption apply for 50Hz operation. For 60Hz operation, the specifications have to be multiplied by the factor 1.2. The max. working current remains unchanged.
- Take account of the max. operating current / max. power consumption for designing fuses, supply lines and safety devices. Fuse: Consumption category AC3.