

**Model: AGB5546CTZ**
**Product Description**

|                           |                           |
|---------------------------|---------------------------|
| <b>Type:</b>              | Reciprocating Compressors |
| <b>Application:</b>       | HBP/AC - Air Conditioning |
| <b>Refrigerant:</b>       | R-407C                    |
| <b>Voltage/Frequency:</b> | 440V 3~ 60Hz 400V 3~ 50Hz |
| <b>Version:</b>           | N/A                       |


**Product Specifications**
**Performance**

| Condition | Test Voltage | Refrigeration Capacity |               |          | Input Power<br>(I) W | (E) Efficiency |                |      | EVAP<br>TEMP | Condition    | AMBIENT<br>TEMP | RETURN<br>GAS | LIQUID<br>TEMP |
|-----------|--------------|------------------------|---------------|----------|----------------------|----------------|----------------|------|--------------|--------------|-----------------|---------------|----------------|
|           |              | (R)<br>Btu/h           | (R)<br>kcal/h | (R)<br>W |                      | (E)<br>Btu/Wh  | (E)<br>kcal/Wh | W/W  |              |              |                 |               |                |
| EN12900   | 440V 3~ 60HZ | 34154                  | 8607          | 10007    | 4374                 | 7.81           | 1.97           | 2.29 | 5°C (41°F)   | 50°C (122°F) | 32°C (90°F)     | 15°C (59°F)   | 50°C (122°F)   |
| EN12900   | 400V 3~ 50HZ | 29014                  | 7312          | 8501     | 3258                 | 8.91           | 2.24           | 2.61 | 5°C (41°F)   | 50°C (122°F) | 32°C (90°F)     | 15°C (59°F)   | 50°C (122°F)   |

**General**

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Evaporating Temp. Range:</b> | -15°C to 15°C (5°F to 59°F) |
| <b>Motor Torque:</b>            | High Start Torque (HST)     |
| <b>Compressor Cooling:</b>      | Fan                         |

**Mechanical**

|                                |             |
|--------------------------------|-------------|
| <b>Weight:</b>                 | 44          |
| <b>Weight Unit of Measure:</b> | KG          |
| <b>Displacement (cc):</b>      | 90.2        |
| <b>Oil Type:</b>               | Polyolester |
| <b>Viscosity (cSt):</b>        | 32          |
| <b>Oil Charge (cc):</b>        | 1960        |

**Electrical**

|   |         |
|---|---------|
| <b>Voltage Range (50 Hz):</b>                 | 340-440 |
| <b>Voltage Range (60 Hz):</b>                 | 396-499 |
| <b>Locked Rotor Amps (LRA):</b>               | 42.5    |
| <b>Rated Load Amps (RLA 50 Hz):</b>           | 5.4     |
| <b>Rated Load Amps (RLA 60 Hz):</b>           | 6.1     |
| <b>Max. Continuous Current (MCC in Amps):</b> | 0       |

Motor Resistance (Ohm) - Main:  
Motor Resistance (Ohm) - Start:

Motor Type: 3PH

Overload Type:

Relay Type:

## Agency Approval

CE Listed, GOST RUSSIA Listed, GOST UKRAINE Listed, IRAM Listed, VDE Listed