



Model: AGB4534YTZ

(TAG4534Y,TAGP4534Y)

Product Description

Compressor Type: Reciprocating

Application: HBP - High Back Pressure

Refrigerant: R-134a

Voltage/Frequency: 400V 3~ 50Hz / 440V 3~ 60Hz

Version: AG Series

Specifications

General

Evaporating Temp. Range : -6.7°C to 12.8°C (20°F to 55°F)

Motor Torque: High Start Torque (HST)

Compressor Cooling: Fan

Mechanical

Weight: 45 KG

Displacement (cc): 100.7

Oil Type: Polyolester

Viscosity (cSt): 32

Oil Charge (cc): 1960

Electrical

Locked Rotor Amps (LRA): 42.5

Rated Load Amps (RLA 60Hz): 4.9

Voltage Range (50Hz): 340-440

Voltage Range (60Hz): 396-499

Rated Load Amps (RLA 50Hz): 4.4

Max. Continuous Current (MCC in Amps): 0

Motor Resistance (Ohm) - Main: 0.91

Motor Resistance (Ohm) - Start: 0.94

Motor Type: 3PH

Agency Approval

VDE_LISTED, CE_LISTED, CCC_LISTED, GOST_LISTED, GOST_UKR_LISTED

Performance

[See all performance data](#)

EN12900 (R-134a)

Test Voltage	400V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	26901
(R) Refrigeration Capacity (Kcal/h)	6779
(R) Refrigeration Capacity (W)	7882
Input Power (W)W	2549
(E) Efficiency (BTU/Wh)	10.55
(E) Efficiency (Kcal/Wh)	2.66
(E) Efficiency (W/W)	3.09
EVAP TEMP	5°C (41°F)
COND TEMP	45°C (113°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	15°C (59°F)
LIQUID TEMP	45°C (113°F)

EN12900 (R-134a)

Test Voltage	440V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	31662
(R) Refrigeration Capacity (Kcal/h)	7979
(R) Refrigeration Capacity (W)	9277
Input Power (W)W	3117
(E) Efficiency (BTU/Wh)	10.16
(E) Efficiency (Kcal/Wh)	2.56
(E) Efficiency (W/W)	2.98
EVAP TEMP	5°C (41°F)
COND TEMP	45°C (113°F)
AMBIENT TEMP	32°C (90°F)
RETURN GAS	15°C (59°F)
LIQUID TEMP	45°C (113°F)

Item

2830130102 (Inactive)

2830130102-M (Inactive)

2830130105 (Inactive)

2830130105-M (Inactive)

2840130102 (Inactive)

2840130105 (Inactive)

2850130105 (Inactive)

2850130105-M (Inactive)