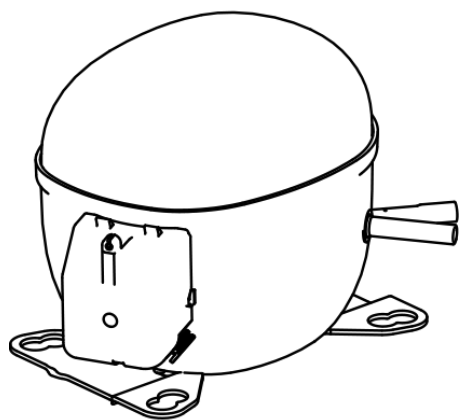


NT6226GK



ENGINEERING CODE
923BA08



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
1762 W



EFFICIENCY
1.79 W/W



DATA

GENERAL DATA

| | |
|------------------------|-----------------------------------|
| Model | NT6226GK |
| Type | Hermetic Reciprocating |
| Technology | ON/OFF |
| Compressor Application | MBP |
| Expansion Device | Capillary Tube or Expansion Valve |
| Compressor Cooling | Fan/220 |
| HP | 1+ |
| Starting Torque | HST |
| Plant | SLOVAKIA |

ELECTRICAL DATA

| | |
|----------------------------------|----------------|
| Start Winding Resistance | 7.56 Ω at 25°C |
| Run Winding Resistance | 2.22 Ω at 25°C |
| Locked Rotor Amperage (LRA) 50Hz | 37 A |

MECHANICAL DATA

| | |
|---------------|-----------------------|
| Displacement | 22.37 cm ³ |
| Oil Charge | 450 ml |
| Oil Type | ESTER |
| Oil Viscosity | ISO22 |
| Weight | 16.6 Kg |

ELECTRICAL COMPONENTS

| | |
|-----------------------------|------------------|
| Start Capacitor | 130-156 µf/250 V |
| Run Capacitor | 20.0 µf/400 V |
| CSR CSIR BOX | Yes |
| Starting Device Description | RVA403C-123 |
| Overload Protection | T0828/C9 |

EXTERNAL CHARACTERISTICS

| | |
|-------------|-----|
| Base Plate | UNI |
| Tray Holder | NO |

| Connector | Internal Diameter | Shape | Material |
|-----------|-------------------|--------------------------------|----------|
| Suction | 12.7 mm | ROTOLOCK(EX. THR. 1"-14UNS-2A) | STEEL |
| Discharge | 6.42 mm | VERTICAL | COPPER |
| Process | 6.42 mm | VERTICAL | COPPER |

PERFORMANCE

TESTED CONDITIONS

| | |
|-------------------------|---------|
| Tested Refrigerant | R-404A |
| Tested Application | MBP |
| Tested Standard | EN12900 |
| Tested Cooling | Fan |
| Tested Voltage | 220 V |
| Tested Frequency | 50 Hz |
| Max Refrigerant Charge | 800 g |
| Refrigerant Temperature | Dew |

RATED POINTS

| Condensing Temperature °C | Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|---------------------------|----------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| 45 | -10 | 1762 | 1.79 | 985 | 4.77 | 52.88 |

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE**Condensing Temperature 35°C**

| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|----------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -20 | 1349 | 1.79 | 755 | 3.82 | 34.93 |
| -15 | 1703 | 2.08 | 818 | 4.12 | 44.55 |
| -10 | 2119 | 2.37 | 895 | 4.41 | 55.88 |
| -5 | 2595 | 2.67 | 973 | 4.71 | 69.12 |
| 0 | 3133 | 3.01 | 1042 | 5.03 | 84.50 |
| 5 | 3733 | 3.42 | 1092 | 5.35 | 102.22 |
| 10 | 4393 | 3.96 | 1110 | 5.69 | 122.49 |

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE**Condensing Temperature 45°C**

| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|----------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -20 | 1116 | 1.33 | 841 | 4.07 | 32.90 |
| -15 | 1412 | 1.57 | 901 | 4.42 | 42.00 |
| -10 | 1762 | 1.79 | 985 | 4.77 | 52.88 |
| -5 | 2165 | 2.00 | 1081 | 5.13 | 65.75 |
| 0 | 2622 | 2.23 | 1177 | 5.48 | 80.81 |
| 5 | 3132 | 2.48 | 1264 | 5.85 | 98.28 |
| 10 | 3696 | 2.78 | 1329 | 6.23 | 118.38 |

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

PERFORMANCE CURVE**Condensing Temperature 55°C**

| Evaporating Temperature °C | Cooling Capacity W | Efficiency W/W | Power Consumption W | Current A | Gas Flow Rate kg/h |
|----------------------------|--------------------|----------------|---------------------|-----------|--------------------|
| -10 | 1415 | 1.39 | 1021 | 5.15 | 50.13 |
| -5 | 1737 | 1.55 | 1121 | 5.58 | 62.44 |
| 0 | 2105 | 1.71 | 1232 | 6.00 | 77.01 |
| 5 | 2518 | 1.88 | 1342 | 6.44 | 94.07 |
| 10 | 2977 | 2.07 | 1442 | 6.88 | 113.81 |

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

ENVELOPE



EXTERNAL DIMENSIONS

