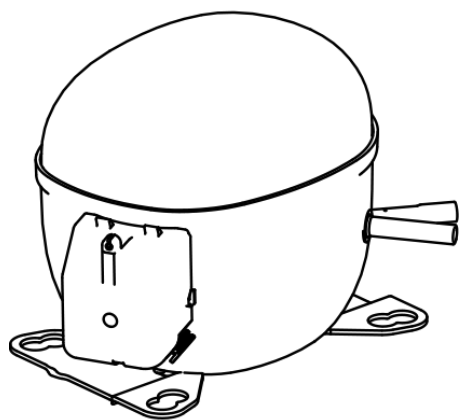


NT6217GK



ENGINEERING CODE
922AA09



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
961 W



EFFICIENCY
1.82 W/W



DATA

GENERAL DATA

Model	NT6217GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	13.1 Ω at 25°C
Run Winding Resistance	3.1 Ω at 25°C

MECHANICAL DATA

Displacement	12.55 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	16.7 Kg

ELECTRICAL COMPONENTS

Start Capacitor	64-77 µf/330 V
Run Capacitor	10.0 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	3ARR3B6AC3
Overload Protection	T0916/G6

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	961	1.82	528	-	28.86

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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	739	1.80	411	-	19.14
-15	932	2.10	444	-	24.38
-10	1168	2.44	479	-	30.82
-5	1451	2.83	512	-	38.63
0	1780	3.32	537	-	48.00
5	2158	3.94	548	-	59.09
10	2585	4.79	540	-	72.08

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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	610	1.35	452	-	17.96
-15	767	1.58	486	-	22.82
-10	961	1.82	528	-	28.86
-5	1194	2.08	573	-	36.25
0	1465	2.38	616	-	45.18
5	1778	2.74	650	-	55.81
10	2133	3.18	670	-	68.32

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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	750	1.36	551	-	26.57
-5	931	1.54	602	-	33.45
0	1143	1.74	657	-	41.84
5	1390	1.96	708	-	51.91
10	1670	2.22	752	-	63.85

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

ENVELOPE



EXTERNAL DIMENSIONS

