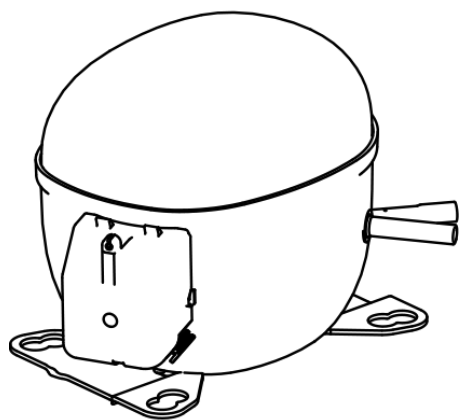


NT6222GK



ENGINEERING CODE
922CA09



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSIR



STANDARD
EN12900



COOLING CAPACITY
1299 W



EFFICIENCY
1.5 W/W



DATA

GENERAL DATA

Model	NT6222GK
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	9.0 Ω at 25°C
Run Winding Resistance	2.3 Ω at 25°C

MECHANICAL DATA

Displacement	17.39 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.2 Kg

ELECTRICAL COMPONENTS

Start Capacitor	130-156 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRPH-60-59*
Overload Protection	T0748/G9

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	1299	1.5	864	-	39

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	1014	1.57	648	-	26.27
-15	1266	1.78	709	-	33.11
-10	1578	2.04	773	-	41.63
-5	1955	2.35	831	-	52.06
0	2397	2.74	873	-	64.64
5	2907	3.26	892	-	79.60
10	3485	3.97	878	-	97.18

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	842	1.17	721	-	24.81
-15	1045	1.33	787	-	31.10
-10	1299	1.50	864	-	39.00
-5	1605	1.70	944	-	48.77
0	1966	1.93	1018	-	60.62
5	2384	2.21	1077	-	74.81
10	2859	2.57	1114	-	91.55

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	1009	1.09	922	-	35.72
-5	1244	1.23	1014	-	44.70
0	1523	1.37	1110	-	55.71
5	1847	1.54	1200	-	68.99
10	2218	1.74	1276	-	84.79

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

ENVELOPE



EXTERNAL DIMENSIONS

