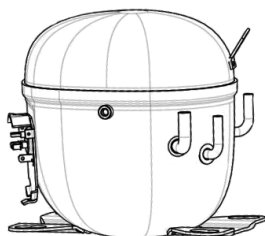


NT6226GKV



**ENGINEERING CODE**  
923AA08

**REFRIGERANT**  
R-404A

**POWER SUPPLY**  
220-240 V 50 Hz

**APPLICATION**  
MBP

**MOTOR TYPE**  
CSIR

**STANDARD**  
EN12900

**COOLING CAPACITY**  
1722 W

**EFFICIENCY**  
1.63 W/W



DATA

GENERAL DATA

Model	NT6226GKV
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	8.4 Ω at 25°C
Run Winding Resistance	1.7 Ω at 25°C

## MECHANICAL DATA

Displacement	22.37 cm <sup>3</sup>
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.8 Kg

## ELECTRICAL COMPONENTS

Start Capacitor	130-156 µf/250 V
CSR CSIR BOX	Yes
Starting Device Type	RELAY
Overload Protection	T0625/C9

## EXTERNAL CHARACTERISTICS

Base Plate	UNI
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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	1722	1.63	1059	6.45	51.72

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	1318	1.67	792	5.57	34.16
-15	1654	1.91	865	5.82	43.24
-10	2055	2.16	950	6.09	54.19
-5	2521	2.43	1036	6.38	67.15
0	3049	2.74	1113	6.68	82.25
5	3638	3.11	1170	7.01	99.64
10	4285	3.59	1195	7.35	119.47

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	1107	1.24	889	5.78	32.62
-15	1387	1.44	963	6.10	41.26
-10	1722	1.63	1059	6.45	51.72
-5	2111	1.81	1166	6.81	64.13
0	2551	2.00	1275	7.19	78.65
5	3040	2.21	1373	7.59	95.41
10	3577	2.47	1451	8.02	114.55

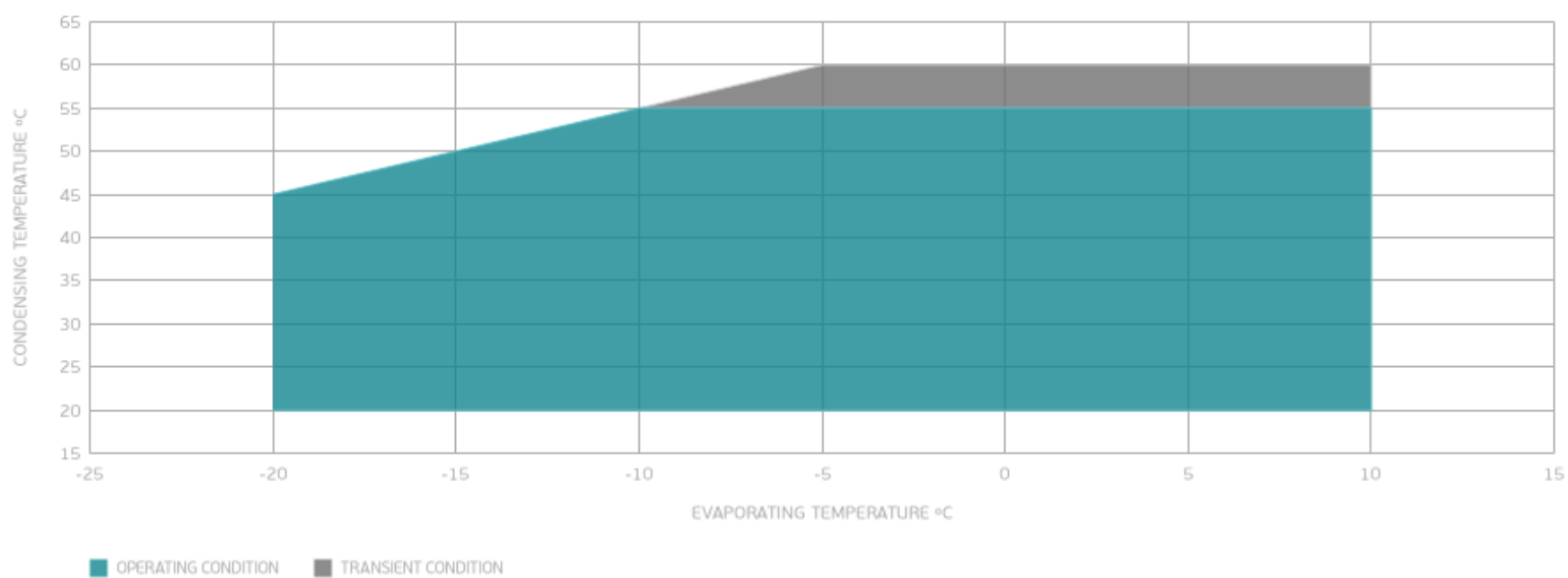
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

**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	1372	1.24	1109	6.82	48.63
-5	1681	1.37	1224	7.27	60.41
0	2030	1.50	1351	7.74	74.24
5	2417	1.64	1478	8.24	90.27
10	2841	1.78	1595	8.76	108.64

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

