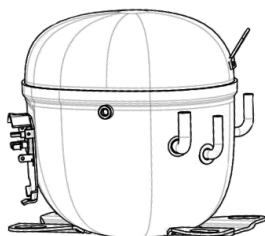


NT2210GK



**ENGINEERING CODE**  
923KA08

**REFRIGERANT**  
R-404A

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

**APPLICATION**  
LBP

**MOTOR TYPE**  
CSCR

**STANDARD**  
EN12900

**COOLING CAPACITY**  
670 W

**EFFICIENCY**  
1.03 W/W



DATA

GENERAL DATA

Model	NT2210GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 1/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	3.92 Ω at 25°C
Run Winding Resistance	1.72 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	33 A
Rated Load Amperage (LMBP) at 50 Hz	6.4 A

## MECHANICAL DATA

Displacement	26.21 cm <sup>3</sup>
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.9 Kg

## ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	15HM1962-247 (internal)

## 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	LBP
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
40	-35	670	1.03	651	3.54	18.16

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
-40	542	0.98	551	3.20	13.77
-35	736	1.16	633	3.53	18.78
-30	981	1.35	725	3.88	25.14
-25	1276	1.55	821	4.26	32.86
-20	1618	1.77	917	4.66	41.96
-15	2007	1.99	1006	5.09	52.43
-10	2440	2.25	1085	5.55	64.31

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
-40	442	0.77	574	3.21	12.75
-35	604	0.91	663	3.59	17.47
-30	809	1.05	767	4.01	23.52
-25	1057	1.20	880	4.45	30.92
-20	1346	1.35	996	4.93	39.68
-15	1675	1.51	1112	5.43	49.81
-10	2042	1.67	1221	5.97	61.32

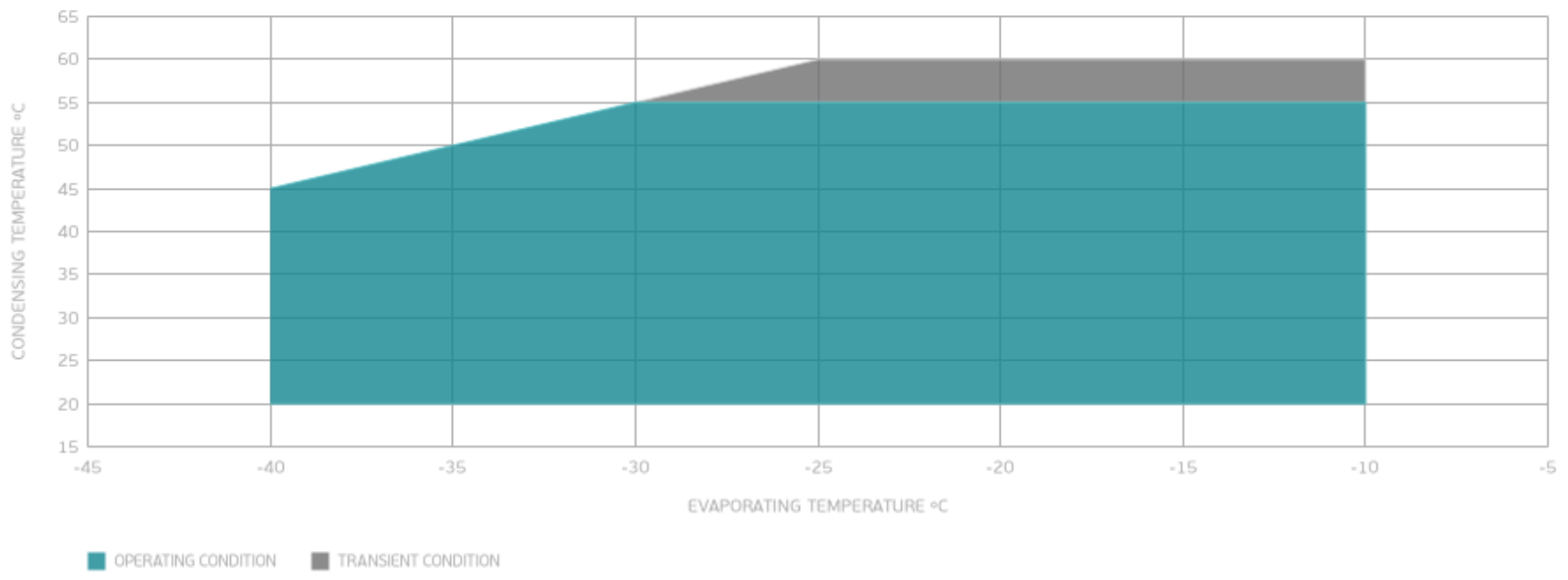
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

**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
-30	631	0.81	780	4.17	21.56
-25	831	0.92	906	4.69	28.57
-20	1065	1.02	1040	5.24	36.94
-15	1332	1.13	1178	5.83	46.66
-10	1630	1.24	1314	6.44	57.75

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

