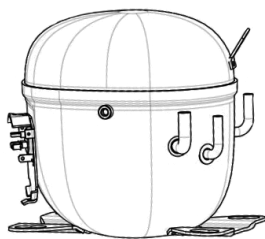


NT6217Z



ENGINEERING CODE
212BA04



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
1721 W



EFFICIENCY
2.53 W/W

DATA

GENERAL DATA

Model	NT6217Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	3/4+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	11.22 Ω at 25°C
Run Winding Resistance	3.0 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	25 A
Rated Load Amperage (LMBP) at 50 Hz	4.9 A

MECHANICAL DATA

Displacement	20.44 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17 Kg

ELECTRICAL COMPONENTS

Start Capacitor	72-88 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	T0634/G9

EXTERNAL CHARACTERISTICS

Base Plate	UNI
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Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	6.42 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	HBP
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
50	5	1721	2.53	679	-	43.17
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
-15	878	2.08	422	-	18.58
-10	1110	2.42	458	-	23.61
-5	1392	2.79	499	-	29.77
0	1731	3.22	537	-	37.23
5	2131	3.78	564	-	46.17
10	2596	4.54	572	-	56.77
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

PERFORMANCE CURVE

Condensing Temperature 45°C

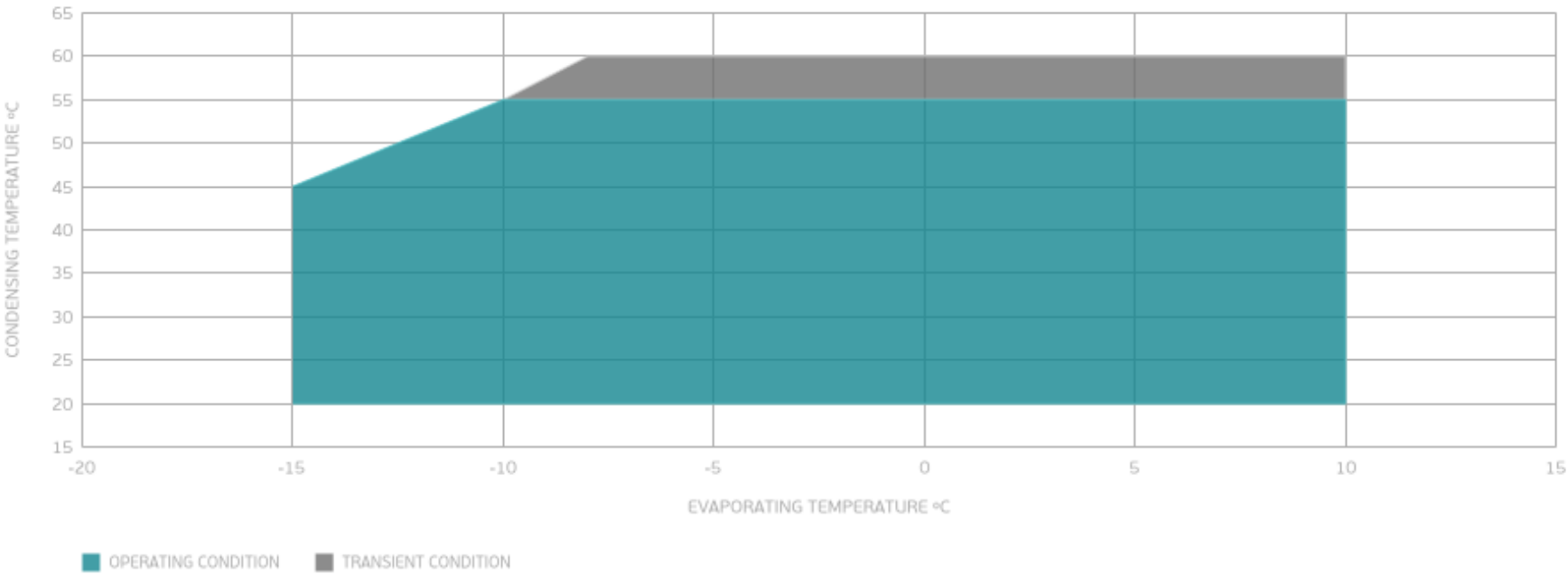
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	763	1.64	466	-	17.70
-10	964	1.92	502	-	22.48
-5	1210	2.20	550	-	28.38
0	1507	2.50	603	-	35.59
5	1859	2.85	653	-	44.26
10	2271	3.28	692	-	54.59
Test Condition: Subcooling 0 K, Return Gas 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	817	1.56	525	-	21.16
-5	1025	1.80	571	-	26.75
0	1279	2.03	630	-	33.63
5	1581	2.28	694	-	41.98
10	1938	2.56	756	-	51.97
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.					

ENVELOPE



EXTERNAL DIMENSIONS

