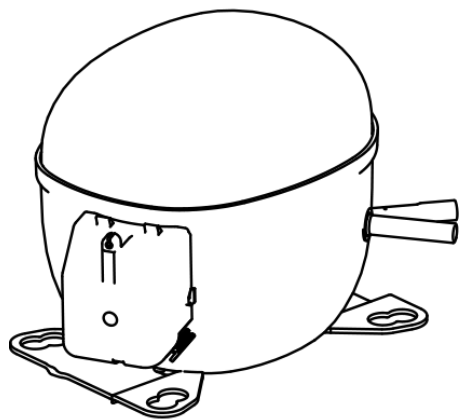


NT6217Z



ENGINEERING CODE
212BN06

REFRIGERANT
R-134a

POWER SUPPLY
200-240 V 50 Hz / 230 V 60 Hz

APPLICATION
HBP

MOTOR TYPE
CSIR

STANDARD
EN12900



COOLING CAPACITY
1617 W

EFFICIENCY
2.15 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/200
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	10.4 Ω at 25°C
Run Winding Resistance	2.4 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	25 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	88-108 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Overload Protection	T0590/G9

EXTERNAL CHARACTERISTICS

Base Plate	UNI
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	SLANTED 42°	COPPER
Discharge	6.42 mm	STRAIGHT	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	200 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	1617	2.15	751	4.52	40.57

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
-15	836	1.99	421	3.18	17.70
-10	1057	2.25	470	3.36	22.49
-5	1326	2.53	524	3.56	28.34
0	1646	2.87	574	3.77	35.40
5	2022	3.29	614	4.00	43.80
10	2455	3.85	637	4.23	53.67

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
-15	721	1.55	464	3.31	16.73
-10	913	1.77	514	3.53	21.30
-5	1147	1.98	578	3.79	26.90
0	1426	2.20	648	4.06	33.68
5	1754	2.45	717	4.34	41.77
10	2134	2.74	779	4.64	51.30

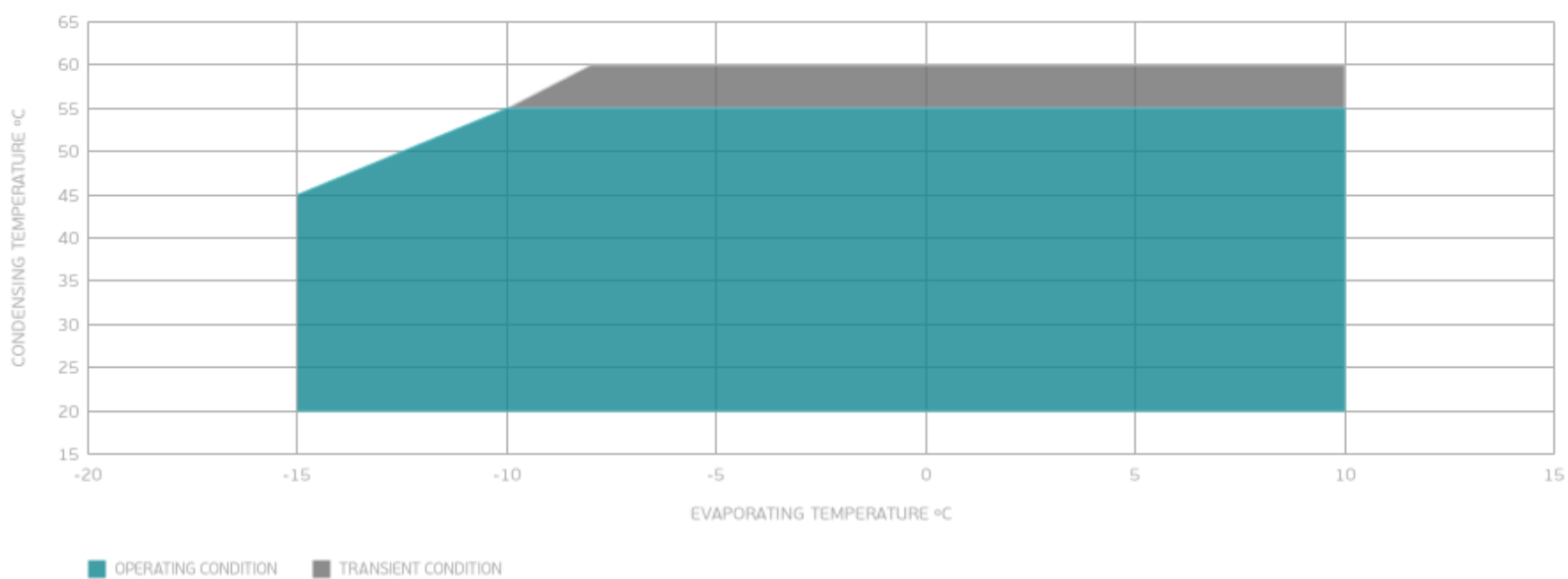
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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	760	1.39	547	3.72	19.71
-5	959	1.57	610	4.03	25.02
0	1197	1.74	688	4.37	31.48
5	1478	1.91	775	4.73	39.22
10	1804	2.09	863	5.11	48.38

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

