

NE2134Z



ENGINEERING CODE
263CA51



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSIR



STANDARD
ASHRAE



COOLING CAPACITY
361 W



EFFICIENCY
1.26 W/W



DATA

GENERAL DATA

Model	NE2134Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	31.5 Ω at 25°C
Run Winding Resistance	4.8 Ω at 25°C

MECHANICAL DATA

Displacement	14.28 cm ³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11.7 Kg

ELECTRICAL COMPONENTS

Start Capacitor	53-64 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-47*
Overload Protection	T0546/G6

EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	LBP
Tested Standard	ASHRAE
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
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
54.4	-23.3	361	1.26	286	2.3	7

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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
-30	280	1.23	228	2.08	5.42
-25	371	1.43	260	2.20	7.20
-20	483	1.63	296	2.31	9.39
-15	617	1.85	333	2.43	12.04
-10	775	2.11	368	2.55	15.16
-5	957	2.41	397	2.69	18.79

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °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
-30	263	1.11	237	2.12	5.09
-25	350	1.30	270	2.23	6.79
-20	459	1.48	310	2.35	8.92
-15	589	1.66	355	2.48	11.49
-10	743	1.86	400	2.63	14.54
-5	922	2.08	443	2.80	18.10

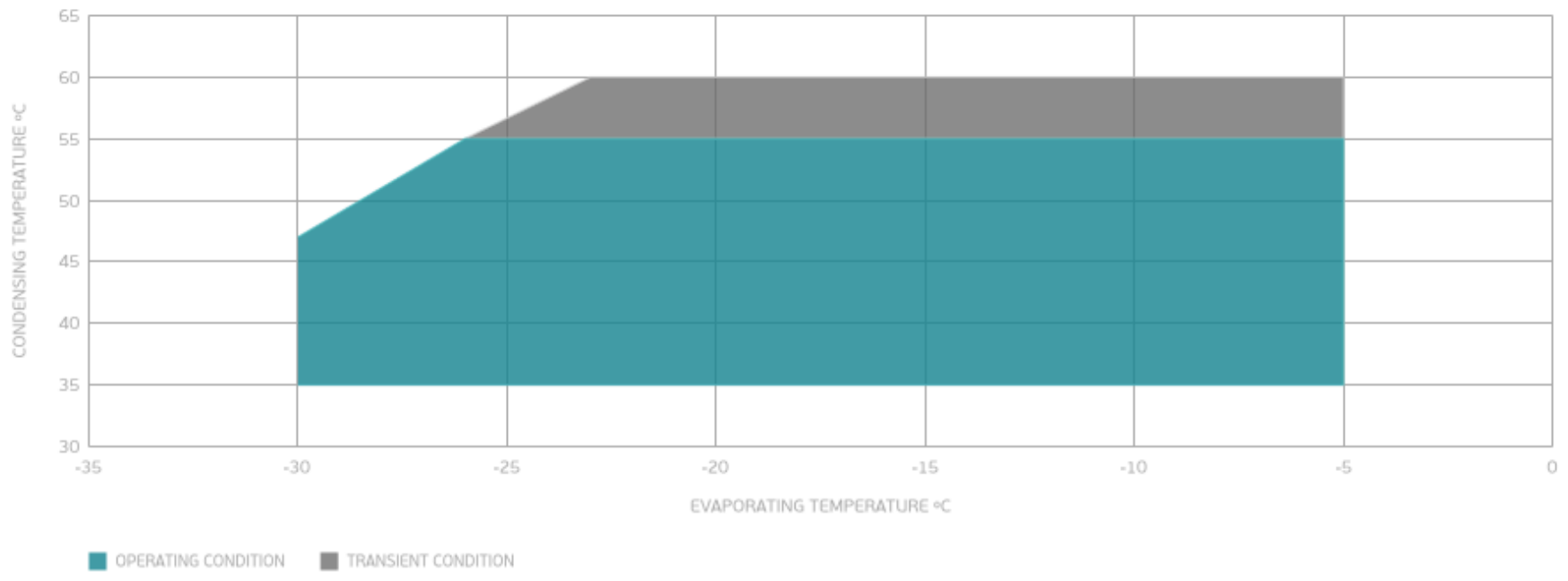
Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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
-25	326	1.20	273	2.26	6.33
-20	430	1.37	314	2.39	8.36
-15	556	1.54	362	2.53	10.84
-10	706	1.70	415	2.71	13.80
-5	880	1.88	469	2.91	17.28

Test Condition: Liquid 32.2 °C, Return Gas 32.2 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

ENVELOPE



EXTERNAL DIMENSIONS

