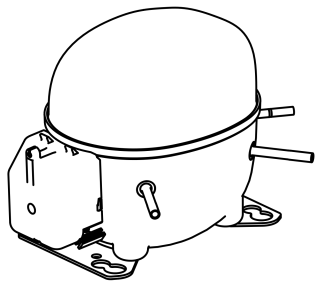


NE1130Z



ENGINEERING CODE
263KK50



REFRIGERANT
R-134a



POWER SUPPLY
200-220 V 50
Hz/230 V 60 Hz



APPLICATION
LBP



MOTOR TYPE
RSIR



STANDARD
EN12900



COOLING CAPACITY
168 W



EFFICIENCY
0.98 W/W

DATA

GENERAL DATA

Model	NE1130Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
Expansion Device	Capillary Tube
Compressor Cooling	Fan/200
HP	1/3
Starting Torque	LST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	27.95 Ω at 25°C
Run Winding Resistance	5.11 Ω at 25°C

MECHANICAL DATA

Displacement	12.11 cm³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11 Kg

ELECTRICAL COMPONENTS

CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRPH-54-60
Overload Protection	4TM765KDBZZ-153

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	200 V
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	168	0.98	172	-	3.68
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
-35	183	1.08	169	-	3.82
-30	243	1.26	192	-	5.09
-25	317	1.45	219	-	6.66
-20	407	1.65	247	-	8.58
-15	516	1.88	275	-	10.92
-10	646	2.14	302	-	13.75
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
-35	153	0.88	174	-	3.52
-30	208	1.04	199	-	4.78
-25	275	1.20	230	-	6.33
-20	356	1.35	263	-	8.23
-15	455	1.52	299	-	10.55
-10	573	1.71	334	-	13.36

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

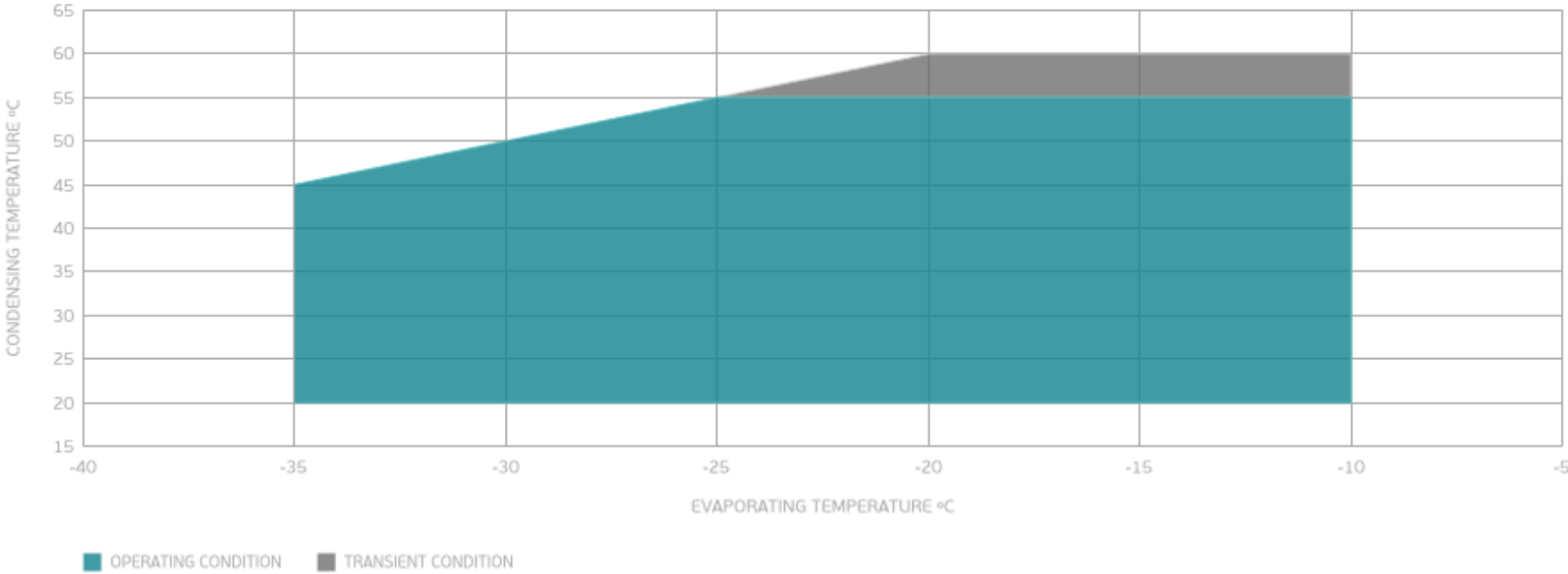
PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-25	231	1.00	231	-	5.91
-20	304	1.13	269	-	7.80
-15	391	1.26	310	-	10.10
-10	497	1.41	353	-	12.88

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

ENVELOPE



External

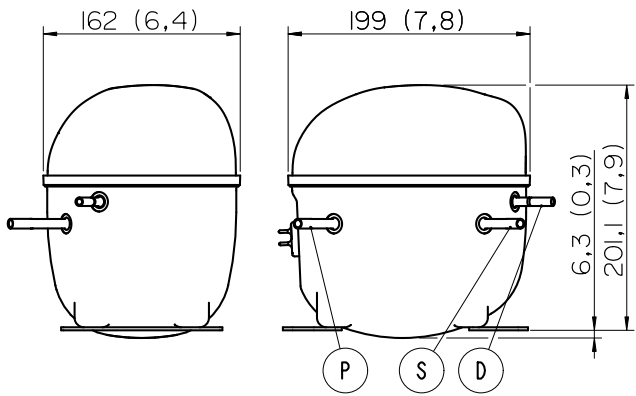
EXTERNAL CHARACTERISTICS

Base Plate	SMALL
Tray Holder	NO

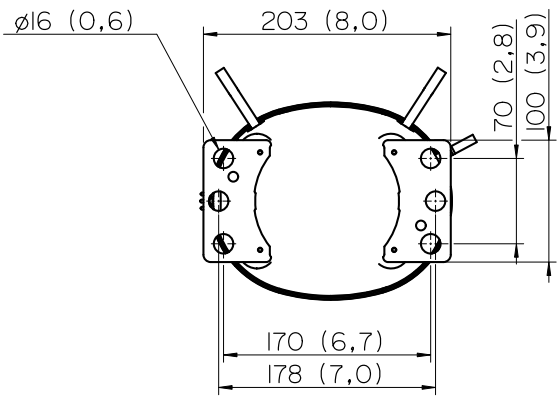
Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

