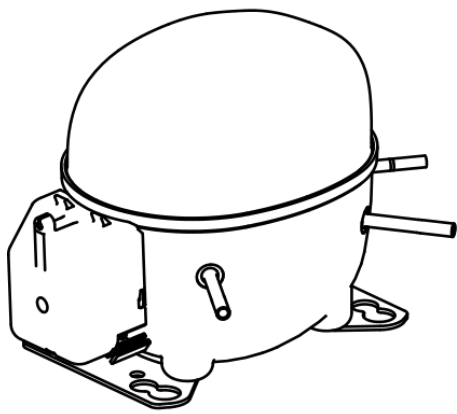


NEU6214Z



ENGINEERING CODE
269SA23



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSIR



STANDARD
EN12900



COOLING CAPACITY
1416 W



EFFICIENCY
2.13 W/W

DATA

GENERAL DATA

Model	NEU6214Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1/2
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	18.83 Ω at 25°C
Run Winding Resistance	5.14 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	22 A

MECHANICAL DATA

Displacement	15.71 cm³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	10.3 Kg

ELECTRICAL COMPONENTS

Start Capacitor	108-130 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRP-0048*
Overload Protection	MST30LZ-3259

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	HBP
Tested Standard	EN12900
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
50	5	1416	2.13	664	3.79	35.52
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	720	1.84	391	3.02	15.23
-10	914	2.11	432	3.09	19.45
-5	1144	2.39	479	3.20	24.45
0	1409	2.69	523	3.33	30.30
5	1712	3.05	561	3.49	37.10
10	2054	3.51	585	3.69	44.90
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

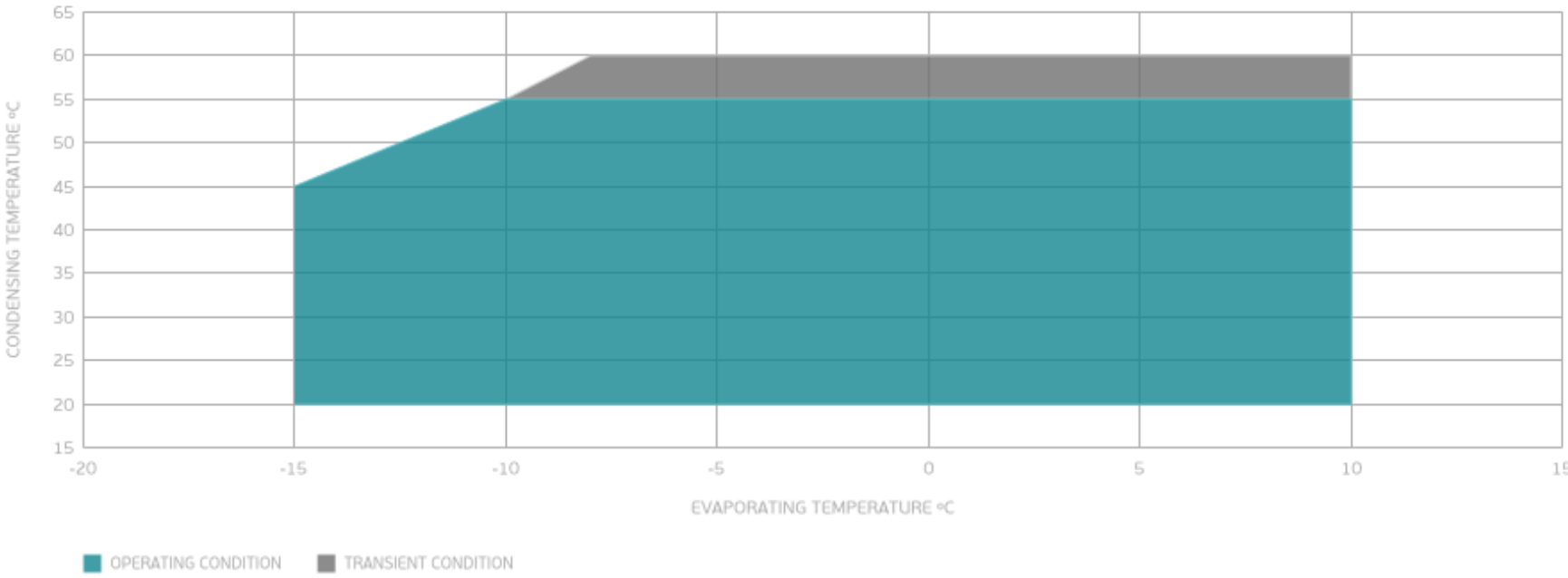
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	627	1.48	425	3.08	14.54
-10	801	1.71	467	3.20	18.67
-5	1006	1.93	521	3.34	23.59
0	1244	2.14	581	3.50	29.37
5	1515	2.36	641	3.69	36.09
10	1822	2.62	695	3.92	43.82
Test Condition: Subcooling 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	687	1.41	487	3.29	17.82
-5	867	1.61	540	3.48	22.62
0	1076	1.78	605	3.69	28.29
5	1315	1.94	678	3.92	34.90
10	1586	2.11	752	4.18	42.54
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

