

NJ6226Z



ENGINEERING CODE
142HA95



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
2615 W



EFFICIENCY
2.22 W/W

DATA

GENERAL DATA

Model	NJ6226Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	1 1/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	8.7 Ω at 25°C
Run Winding Resistance	2.0 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	31 A

MECHANICAL DATA

Displacement	34.38 cm ³
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	19.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	72-88 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	T0335/C9

EXTERNAL CHARACTERISTICS

Base Plate	LARGE
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Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	8 mm	SLANTED J	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	2615	2.22	1178	5.48	65.6
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	1434	2.08	689	3.68	30.34
-10	1821	2.37	769	3.97	38.73
-5	2266	2.65	854	4.26	48.44
0	2773	2.96	936	4.56	59.64
5	3347	3.33	1005	4.86	72.51
10	3990	3.80	1050	5.17	87.25
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

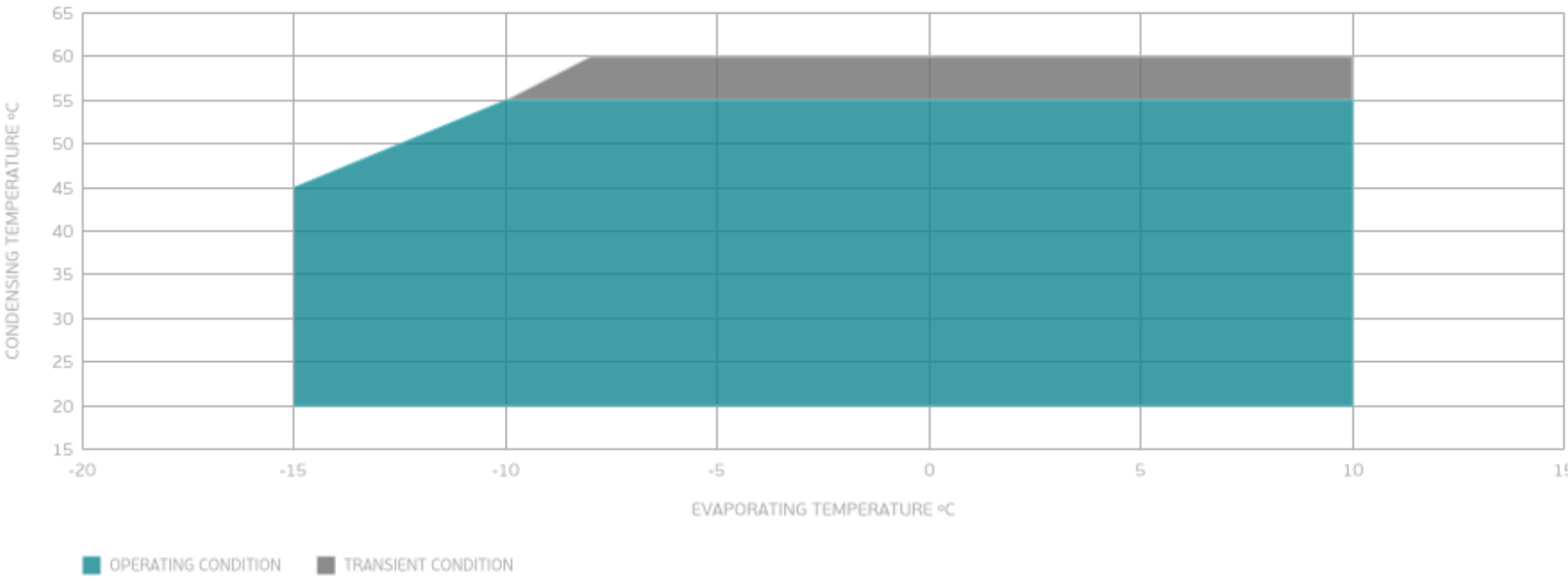
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	1148	1.57	730	3.72	26.65
-10	1493	1.83	817	4.10	34.82
-5	1890	2.05	922	4.48	44.33
0	2345	2.27	1034	4.88	55.36
5	2860	2.50	1144	5.29	68.09
10	3440	2.77	1243	5.70	82.71
Test Condition: Subcooling 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	1174	1.44	813	4.23	30.43
-5	1520	1.65	923	4.71	39.66
0	1918	1.82	1051	5.21	50.43
5	2371	1.99	1189	5.72	62.93
10	2884	2.18	1325	6.25	77.34
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

