

NJ6226Z



ENGINEERING CODE
142HA15



REFRIGERANT
R-134a



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
HBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
2978 W



EFFICIENCY
2.4 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	12.7 mm	ROTOLOCK(EX. THR. 1"-14UNS-2A)	STEEL
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	HBP
Tested Standard	ASHRAE
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
54.4	7.2	2978	2.4	1242	5.92	65.91
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1795	2.60	692	3.68	33.12
-10	2206	2.85	774	3.97	40.85
-5	2671	3.12	857	4.26	49.64
0	3205	3.44	931	4.56	59.81
5	3821	3.88	985	4.86	71.71
10	4534	4.49	1009	5.17	85.66
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

PERFORMANCE CURVE

Condensing Temperature 45°C

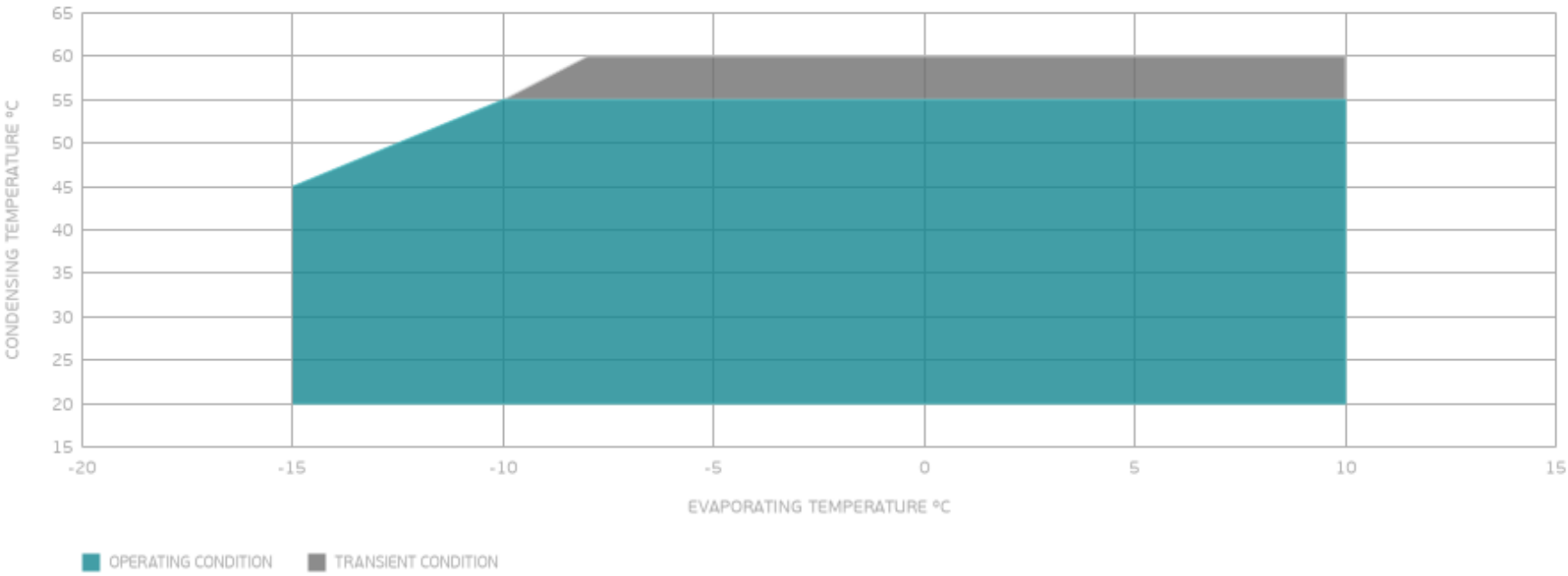
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-15	1413	1.94	729	3.72	28.17
-10	1801	2.21	816	4.10	36.03
-5	2231	2.43	918	4.48	44.83
0	2720	2.65	1025	4.88	54.91
5	3279	2.91	1126	5.29	66.58
10	3923	3.24	1211	5.70	80.19
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1340	1.62	826	4.23	29.23
-5	1741	1.87	930	4.71	38.16
0	2189	2.08	1054	5.21	48.24
5	2695	2.27	1186	5.72	59.80
10	3275	2.49	1316	6.25	73.17
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

ENVELOPE



EXTERNAL DIMENSIONS

