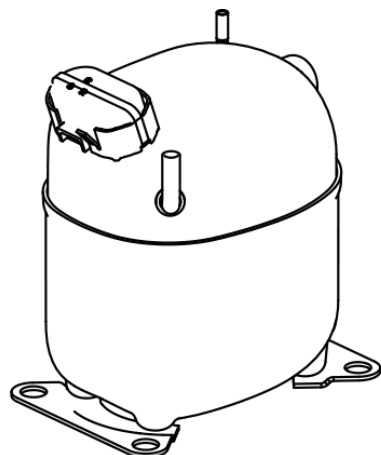


NJ9226E



ENGINEERING CODE
144IV11

REFRIGERANT
R-22

POWER SUPPLY
230 V 50 Hz

APPLICATION
M/HBP

MOTOR TYPE
CSCR

STANDARD
EN12900

COOLING CAPACITY
1551 W

EFFICIENCY
1.97 W/W

DATA

GENERAL DATA

Model	NJ9226E
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	M/HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/230
HP	1+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	7.8 Ω at 25°C
Run Winding Resistance	2.12 Ω at 25°C

MECHANICAL DATA

Displacement	21.71 cm ³
Oil Charge	750 ml
Oil Type	ALQUILB
Oil Viscosity	ISO46
Weight	21.6 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	T0060/C9

EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

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-22
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	230 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
45	-10	1551	1.97	788	-	33.7

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
-20	1076	1.74	620	-	21.42
-15	1405	2.10	670	-	28.13
-10	1797	2.49	721	-	36.16
-5	2255	2.94	767	-	45.64
0	2782	3.47	802	-	56.71
5	3380	4.11	823	-	69.53
10	4053	4.92	824	-	84.23

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
-20	904	1.39	650	-	19.44
-15	1199	1.68	716	-	25.92
-10	1551	1.97	788	-	33.70
-5	1964	2.28	861	-	42.94
0	2439	2.63	929	-	53.78
5	2981	3.02	988	-	66.37
10	3592	3.48	1034	-	80.84

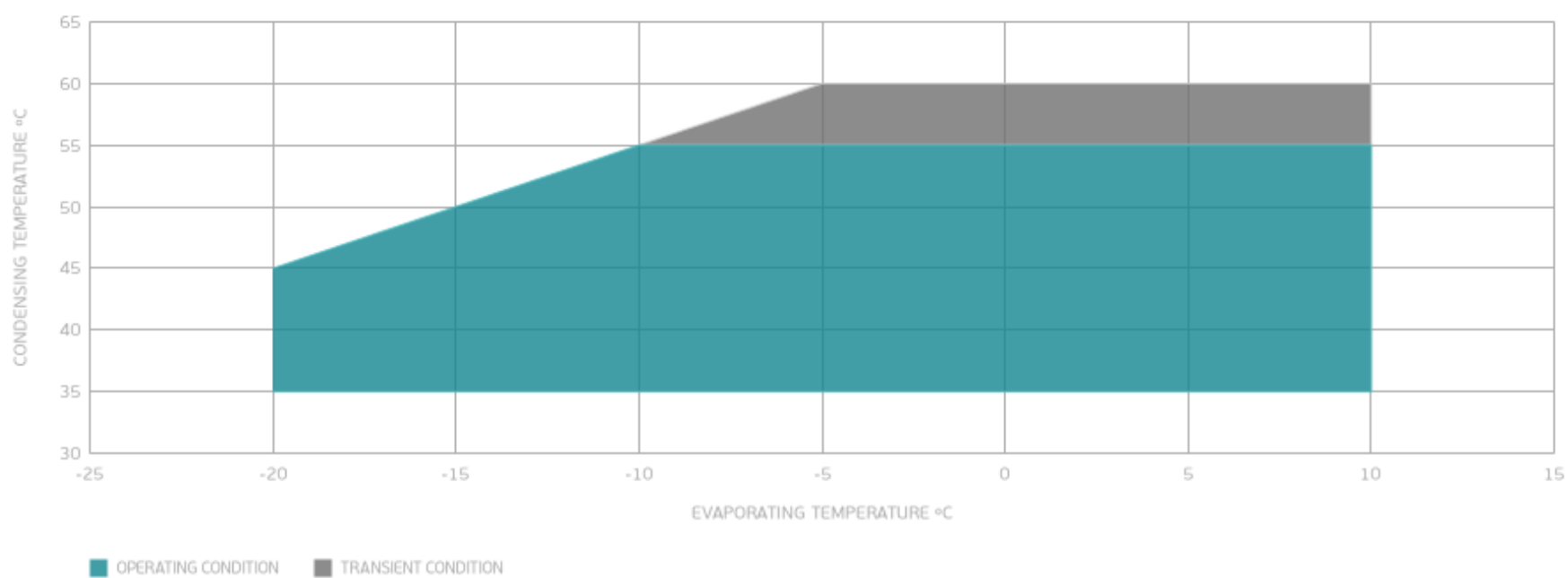
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data are an indication of performance based simulation.

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
-10	1303	1.62	804	-	30.91
-5	1668	1.85	899	-	39.85
0	2089	2.10	996	-	50.39
5	2572	2.36	1090	-	62.68
10	3118	2.65	1175	-	76.86

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

ENVELOPE



EXTERNAL DIMENSIONS

