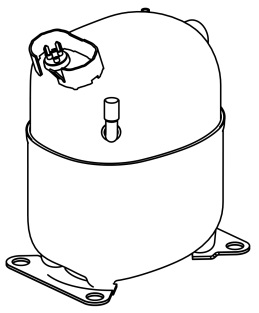
COMPRESSOR TECHNICAL DATA

NJ9226GK



ENGINEERING CODE
944LD12

REFRIGERANT
R-404A

POWER SUPPLY
208-230 V 60 Hz

APPLICATION
MBP

MOTOR TYPE
CSCR

STANDARD
AHRI

COOLING CAPACITY
2329 W

EFFICIENCY
1.92 W/W

DATA

GENERAL DATA

Model	NJ9226GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/208
HP	1+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	7.76 Ω at 25°C
Run Winding Resistance	1.78 Ω at 25°C
Locked Rotor Amperage (LRA) 60Hz	34 A

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Jl. Halim Perdana Kusuma
Jurumudi Baru, Benda – Tangerang 15124

MECHANICAL DATA

Displacement	21.71 cm^3
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	20.7 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
Run Capacitor	20.0 µf/400 V
CSR CSIR BOX	Yes
Starting Device Description	RVA4AH3C-648
Overload Protection	T0838/C9

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	AHRI
Tested Cooling	Fan
Tested Voltage	208 V
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
43.3	-6.7	2329	1.92	1213	-	69.67

Test Condition: Subcooling 0 K, Return Gas 18.3 ºC. Data are an indication of performance based simulation.

PERFORMANCE CURVE

Condensing Temperature 35ºC

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-20	1524	1.73	883	-	39.95
-15	1926	1.95	987	-	50.93
-10	2400	2.22	1081	-	64.00
-5	2954	2.55	1159	-	79.61
0	3594	2.96	1213	-	98.19

Test Condition: Subcooling 0 K, Return Gas 18.3 ºC. 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	1185	1.33	891	-	35.37
-15	1531	1.51	1015	-	46.11
-10	1936	1.69	1143	-	58.91
-5	2409	1.90	1266	-	74.21
0	2956	2.14	1379	-	92.45

Test Condition: Subcooling 0 K, Return Gas 18.3 °C. Data are an indication of performance based simulation.

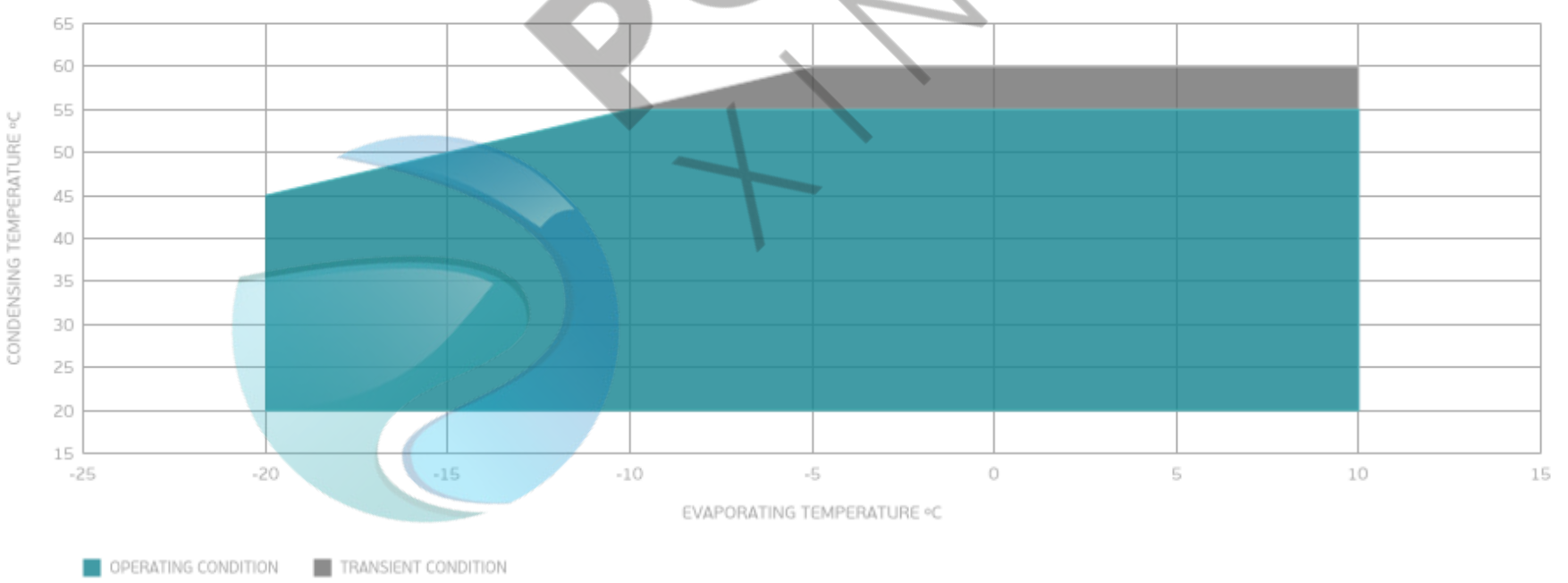
PERFORMANCE CURVE

Condensing Temperature 55°C

Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-10	1465	1.25	1168	-	52.74
-5	1852	1.40	1323	-	67.68
0	2301	1.55	1480	-	85.54

Test Condition: Subcooling 0 K, Return Gas 18.3 °C. Data are an indication of performance based simulation.

ENVELOPE



External

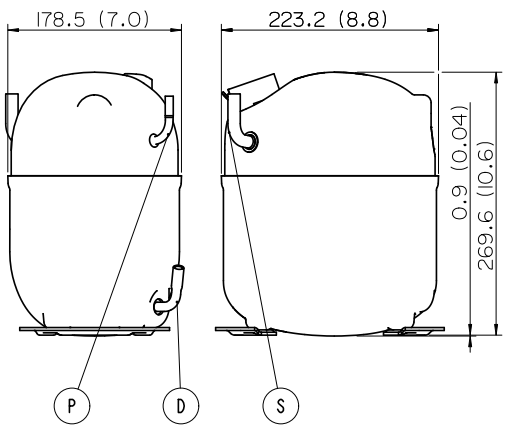
EXTERNAL CHARACTERISTICS

Base Plate	LARGE
Tray Holder	NO

Connector	Internal Diameter	Shape	Material
Suction	12.77 mm	VERTICAL	COPPER
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

SHELL



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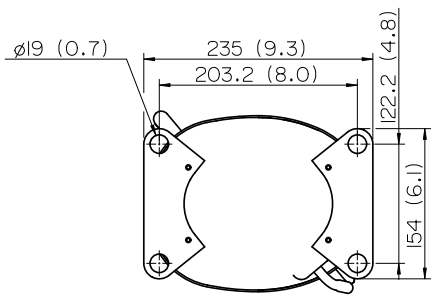

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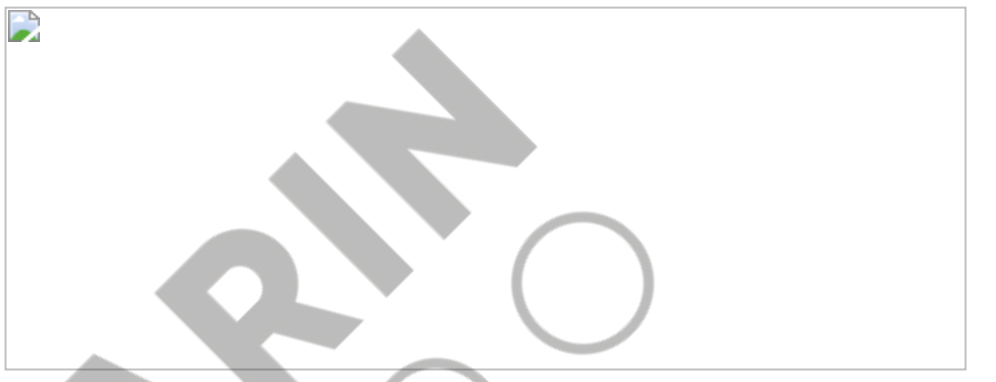

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