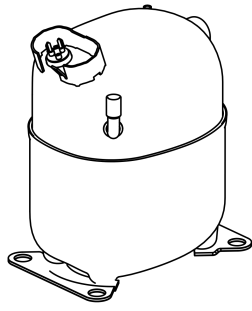




NJ2192GJ



 **ENGINEERING CODE**
943CA19

 **REFRIGERANT**
R-404A

 **POWER SUPPLY**
220-240 V 50 Hz

 **APPLICATION**
LBP

 **MOTOR TYPE**
CSCR

 **STANDARD**
AHRI

 **COOLING CAPACITY**
718 W

 **EFFICIENCY**
1.02 W/W



DATA

GENERAL DATA

Model	NJ2192GJ
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	LBP
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	7.43 Ω at 25°C
Run Winding Resistance	1.92 Ω at 25°C

MECHANICAL DATA

Displacement	26.11 cm ³
Oil Charge	750 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	21 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
Run Capacitor	15.0 µf/440 V
CSR CSIR BOX	Yes
Starting Device Description	RVA2L3C
Overload Protection	15HM1962-248 (internal)

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	LBP
Tested Standard	AHRI
Tested Cooling	Fan
Tested Voltage	220 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
40.6	-31.7	718	1.02	702	-	21.93

Test Condition: Subcooling 0 K, Return Gas 4.4 °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
-40	493	0.93	532	-	13.82
-35	674	1.08	623	-	19.06
-30	899	1.25	720	-	25.53
-25	1170	1.43	819	-	33.42
-20	1490	1.63	916	-	42.93
-15	1864	1.85	1006	-	54.28
-10	2293	2.11	1086	-	67.66

Test Condition: Subcooling 0 K, Return Gas 4.4 °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
-40	363	0.68	534	-	11.72
-35	518	0.81	636	-	16.82
-30	707	0.95	748	-	23.10
-25	934	1.08	866	-	30.77
-20	1202	1.22	987	-	40.02
-15	1515	1.37	1107	-	51.06
-10	1876	1.54	1220	-	64.09

Test Condition: Subcooling 0 K, Return Gas 4.4 °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
-30	511	0.69	744	-	20.02
-25	693	0.79	880	-	27.46
-20	908	0.89	1023	-	36.44
-15	1159	0.99	1169	-	47.17
-10	1450	1.10	1313	-	59.84

Test Condition: Subcooling 0 K, Return Gas 4.4 °C. Data are an indication of performance based simulation.

ENVELOPE



External

EXTERNAL CHARACTERISTICS

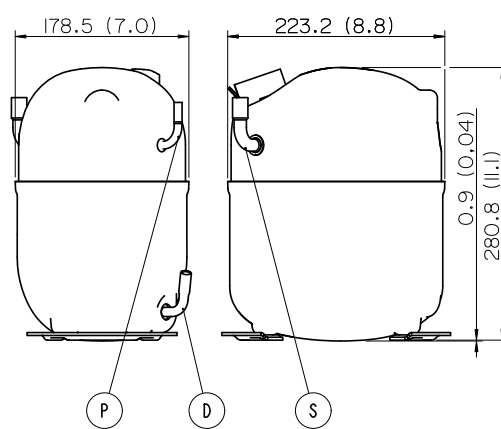
Base Plate LARGE

Tray Holder NO

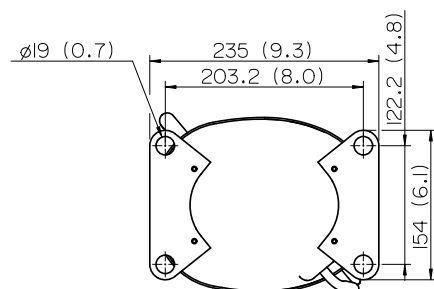
Connector	Internal Diameter	Shape	Material
Suction	12.7 mm	ROTOLOCK(EX. THR. 1"-14UNS-2A)	STEEL
Discharge	8 mm	SLANTED J	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

SHELL



BASE



FENCE

