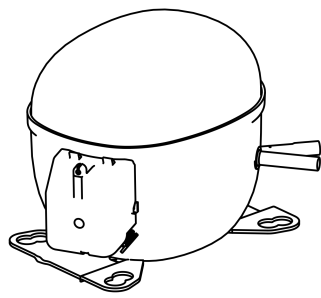


NT6215Z



ENGINEERING CODE
211AD06



REFRIGERANT
R-134a



POWER SUPPLY
208-230 V 60 Hz



APPLICATION
HBP



MOTOR TYPE
CSIR



STANDARD
EN12900



COOLING CAPACITY
1667 W



EFFICIENCY
2.14 W/W



DATA

GENERAL DATA

Model	NT6215Z
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	HBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/208
HP	1/2+
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	7.55 Ω at 25°C
Run Winding Resistance	2.52 Ω at 25°C

MECHANICAL DATA

Displacement	17.39 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17 Kg

ELECTRICAL COMPONENTS

Start Capacitor	64-77 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Starting Device Description	MTRPH-0048-08*
Overload Protection	MST22AKK-3265

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-134a
Tested Application	HBP
Tested Standard	EN12900
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
50	5	1667	2.14	779	-	41.81

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
-15	862	1.93	446	-	18.24
-10	1096	2.21	496	-	23.31
-5	1375	2.49	552	-	29.39
0	1699	2.81	605	-	36.54
5	2069	3.19	648	-	44.82
10	2483	3.68	674	-	54.28

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
-15	747	1.53	489	-	17.34
-10	947	1.75	541	-	22.09
-5	1190	1.96	606	-	27.89
0	1474	2.18	678	-	34.80
5	1800	2.40	749	-	42.88
10	2169	2.67	812	-	52.17

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	810	1.42	570	-	21.00
-5	1012	1.60	632	-	26.41
0	1253	1.76	711	-	32.96
5	1534	1.92	798	-	40.71
10	1854	2.09	886	-	49.72

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

ENVELOPE



External

EXTERNAL CHARACTERISTICS

Base Plate		UNI	
Tray Holder		NO	
Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	SLANTED 42°	COPPER
Discharge	6.42 mm	STRAIGHT	COPPER
Process	6.42 mm	VERTICAL	COPPER

EXTERNAL DIMENSIONS

