

NEU6215GK



ENGINEERING CODE
959NA51

REFRIGERANT
R-404A

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
MBP

MOTOR TYPE
CSIR

STANDARD
EN12900

COOLING CAPACITY
1048 W

EFFICIENCY
1.67 W/W



DATA

GENERAL DATA

Model	NEU6215GK
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
Expansion Device	Capillary Tube or Expansion Valve
Compressor Cooling	Fan/220
HP	3/4
Starting Torque	HST
Plant	SLOVAKIA

ELECTRICAL DATA

Start Winding Resistance	14.26 Ω at 25°C
Run Winding Resistance	4.25 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	22 A
Rated Load Amperage (LMBP) at 50 Hz	4.5 A

MECHANICAL DATA

Displacement	12.11 cm ³
Oil Charge	350 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	11.5 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	No
Starting Device Type	RELAY
Overload Protection	T0743/G6

EXTERNAL CHARACTERISTICS

Base Plate	SMALL
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Connector	Internal Diameter	Shape	Material
Suction	8.1 mm	SLANTED 42°	COPPER
Discharge	6.1 mm	STRAIGHT	COPPER
Process	6.1 mm	SLANTED 42°	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
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	1048	1.67	626	-	31.47

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	826	1.79	461	-	21.40
-15	1019	1.99	512	-	26.66
-10	1245	2.19	569	-	32.83
-5	1503	2.40	626	-	40.03
0	1793	2.64	680	-	48.35
5	2115	2.92	725	-	57.92
10	2469	3.26	757	-	68.85

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	689	1.35	510	-	20.32
-15	856	1.52	562	-	25.45
-10	1048	1.67	626	-	31.47
-5	1267	1.81	698	-	38.48
0	1512	1.96	773	-	46.60
5	1783	2.11	846	-	55.95
10	2080	2.28	913	-	66.62

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	839	1.28	657	-	29.73
-5	1017	1.39	734	-	36.54
0	1215	1.48	820	-	44.43
5	1433	1.57	912	-	53.52
10	1672	1.67	1003	-	63.91

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

ENVELOPE



EXTERNAL DIMENSIONS

