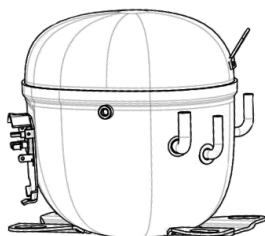


NT6230U



ENGINEERING CODE
843DA08

REFRIGERANT
R-290

POWER SUPPLY
220-240 V 50 Hz

APPLICATION
MBP

MOTOR TYPE
CSCR

STANDARD
EN12900

COOLING CAPACITY
1931 W

EFFICIENCY
1.95 W/W



DATA

GENERAL DATA

Model	NT6230U
Type	Hermetic Reciprocating
Technology	ON/OFF
Compressor Application	MBP
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	8.4 Ω at 25°C
Run Winding Resistance	1.7 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	39 A
Rated Load Amperage (LMBP) at 50 Hz	5 A

MECHANICAL DATA

Displacement	27.8 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.4 Kg

ELECTRICAL COMPONENTS

Start Capacitor	130-156 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	MST22AGN-3074

EXTERNAL CHARACTERISTICS

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

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	MBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
Max Refrigerant Charge	400 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	1931	1.95	989	4.84	23.76

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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	1467	1.88	781	3.99	16.24
-15	1832	2.18	842	4.25	20.42
-10	2261	2.48	911	4.52	25.33
-5	2758	2.81	980	4.80	31.08
0	3326	3.20	1040	5.08	37.75
5	3969	3.67	1083	5.37	45.44
10	4690	4.27	1099	5.67	54.26

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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	1245	1.47	849	4.22	15.16
-15	1558	1.71	909	4.52	19.07
-10	1931	1.95	989	4.84	23.76
-5	2366	2.19	1082	5.18	29.31
0	2869	2.44	1178	5.54	35.84
5	3442	2.71	1269	5.92	43.42
10	4089	3.04	1347	6.31	52.17

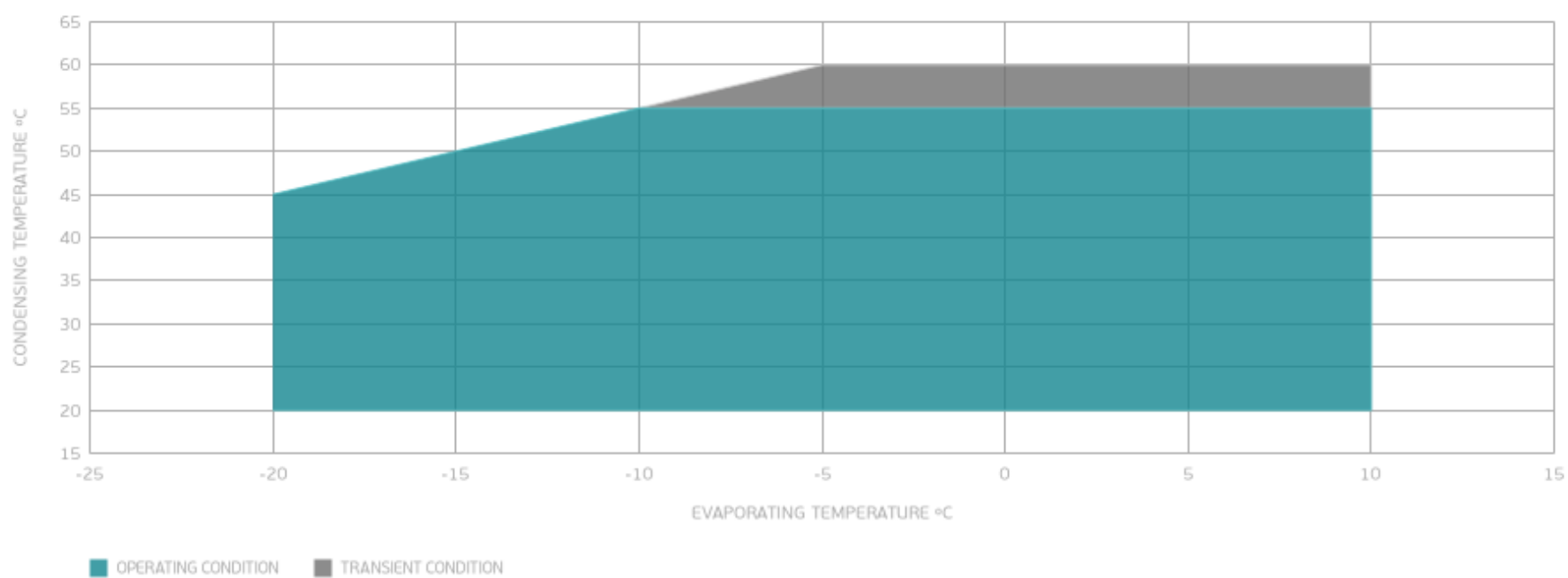
Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

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	1627	1.57	1038	5.24	22.34
-5	1995	1.75	1138	5.68	27.62
0	2426	1.94	1254	6.15	33.91
5	2924	2.12	1378	6.65	41.30
10	3491	2.33	1501	7.18	49.89

Test Condition: Subcooling 0 K, Return Gas 20 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.

ENVELOPE



EXTERNAL DIMENSIONS

