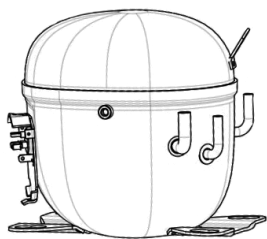


NTX6233U



ENGINEERING CODE
843FA72



REFRIGERANT
R-290



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
MBP



MOTOR TYPE
CSCR



STANDARD
ASHRAE



COOLING CAPACITY
2348 W



EFFICIENCY
2.1 W/W

DATA

GENERAL DATA

Model	NTX6233U
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	5.95 Ω at 25°C
Run Winding Resistance	1.39 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	40 A

MECHANICAL DATA

Displacement	27.8 cm³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.8 Kg

ELECTRICAL COMPONENTS

Start Capacitor	88-108 µf/330 V
CSR CSIR BOX	Yes
Overload Protection	USP-577-84

EXTERNAL CHARACTERISTICS

Base Plate	UNI
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Connector	Internal Diameter	Shape	Material
Suction	9.6 mm	VERTICAL	COPPER
Discharge	6.42 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

PERFORMANCE

TESTED CONDITIONS

Tested Refrigerant	R-290
Tested Application	MBP
Tested Standard	ASHRAE
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
54.4	-6.7	2348	2.1	1116	5.77	26.86
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1824	2.56	714	3.99	17.56
-15	2241	2.91	770	4.28	21.67
-10	2709	3.19	849	4.58	26.31
-5	3237	3.46	935	4.90	31.57
0	3830	3.78	1014	5.22	37.55
5	4493	4.19	1072	5.53	44.34
10	5233	4.78	1095	5.83	52.04
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	1563	1.83	856	4.57	16.26
-15	1938	2.13	911	4.86	20.25
-10	2365	2.38	994	5.17	24.81
-5	2849	2.62	1089	5.49	30.04
0	3396	2.87	1183	5.80	36.03
5	4012	3.18	1260	6.10	42.87
10	4703	3.60	1308	6.38	50.67
Test Condition: Subcooling 8.3 K, Return Gas 35 °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	2049	1.95	1053	5.53	23.48
-5	2482	2.16	1151	5.92	28.61
0	2977	2.38	1252	6.30	34.55
5	3539	2.64	1342	6.66	41.40
10	4175	2.97	1407	6.99	49.23
Test Condition: Subcooling 8.3 K, Return Gas 35 °C. Data generated in accordance to EN 12900:2013 polynomial equation and tolerance guidelines.					

