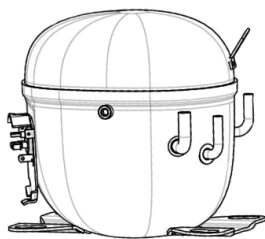


NT2192GK



ENGINEERING CODE
923EA04



REFRIGERANT
R-404A



POWER SUPPLY
220-240 V 50 Hz



APPLICATION
LBP



MOTOR TYPE
CSCR



STANDARD
EN12900



COOLING CAPACITY
568 W



EFFICIENCY
1.06 W/W

DATA

GENERAL DATA

Model	NT2192GK
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	8.4 Ω at 25°C
Run Winding Resistance	1.9 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	35 A

MECHANICAL DATA

Displacement	22.37 cm ³
Oil Charge	450 ml
Oil Type	ESTER
Oil Viscosity	ISO22
Weight	17.5 Kg

ELECTRICAL COMPONENTS

Start Capacitor	130-156 μf/250 V
CSR CSIR BOX	Yes
Overload Protection	MST26AHK-3261

EXTERNAL CHARACTERISTICS

Base Plate	UNI
------------	-----

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-404A
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 V
Tested Frequency	50 Hz
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	-35	568	1.06	533	2.7	15.38
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
-40	470	1.04	454	2.37	11.93
-35	630	1.20	525	2.67	16.08
-30	827	1.38	599	2.98	21.20
-25	1062	1.58	672	3.28	27.36
-20	1335	1.80	743	3.59	34.62
-15	1647	2.03	809	3.90	43.04
-10	1998	2.30	870	4.22	52.66
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

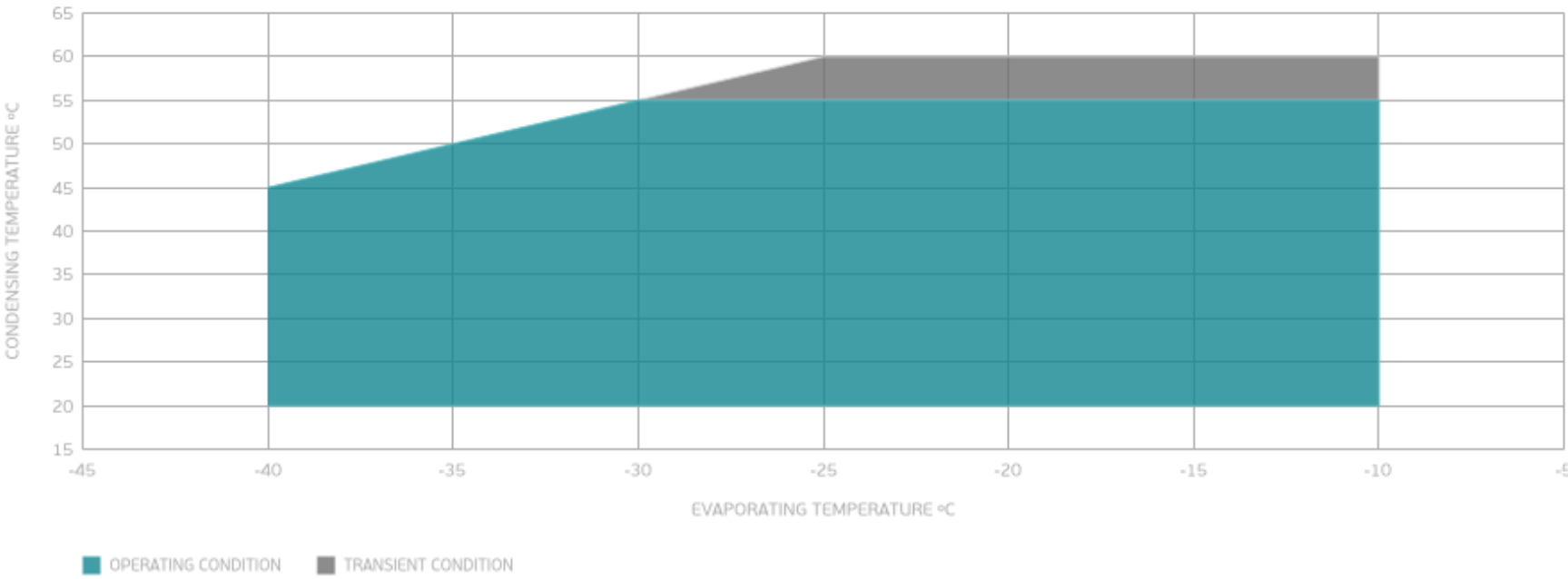
Evaporating Temperature °C	Cooling Capacity W	Efficiency W/W	Power Consumption W	Current A	Gas Flow Rate kg/h
-40	373	0.82	455	2.35	10.75
-35	506	0.94	537	2.71	14.65
-30	672	1.08	624	3.09	19.54
-25	871	1.22	715	3.47	25.47
-20	1103	1.37	808	3.85	32.51
-15	1370	1.52	900	4.25	40.72
-10	1670	1.69	990	4.66	50.15
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
-30	518	0.82	629	3.17	17.67
-25	678	0.92	735	3.61	23.31
-20	867	1.02	847	4.07	30.08
-15	1085	1.13	962	4.55	38.02
-10	1332	1.24	1078	5.05	47.19
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

