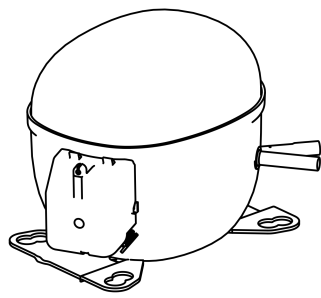


NT2192GK



**ENGINEERING CODE**  
923EA04



**REFRIGERANT**  
R-404A



**POWER SUPPLY**  
220-240 V 50 Hz



**APPLICATION**  
LBP



**MOTOR TYPE**  
CSIR



**STANDARD**  
EN12900



**COOLING CAPACITY**  
560 W



**EFFICIENCY**  
1.05 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	8.56 Ω at 25°C
Run Winding Resistance	1.82 Ω at 25°C
Locked Rotor Amperage (LRA) 50Hz	35 A

## MECHANICAL DATA

Displacement	22.37 cm <sup>3</sup>
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	No
Starting Device Type	RELAY
Starting Device Description	MTRPH61-65*
Overload Protection	T0060/20

## PERFORMANCE

### TESTED CONDITIONS

Tested Refrigerant	R-404A
Tested Application	LBP
Tested Standard	EN12900
Tested Cooling	Fan
Tested Voltage	220 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
40	-35	560	1.05	534	-	15.17

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
-40	461	1.04	445	-	11.70
-35	620	1.19	521	-	15.82
-30	819	1.36	600	-	20.99
-25	1059	1.56	680	-	27.29
-20	1342	1.77	757	-	34.78
-15	1666	2.01	830	-	43.54
-10	2035	2.28	894	-	53.64

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
-40	365	0.80	455	-	10.52
-35	499	0.92	543	-	14.43
-30	666	1.05	637	-	19.36
-25	868	1.18	735	-	25.40
-20	1106	1.33	834	-	32.60
-15	1380	1.48	931	-	41.05
-10	1692	1.65	1023	-	50.83

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
-30	507	0.78	650	-	17.32
-25	671	0.88	765	-	23.06
-20	863	0.98	884	-	29.95
-15	1086	1.08	1004	-	38.06
-10	1340	1.19	1124	-	47.47

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	VERTICAL	COPPER
Discharge	6.42 mm	VERTICAL	COPPER
Process	6.42 mm	VERTICAL	COPPER

### EXTERNAL DIMENSIONS

