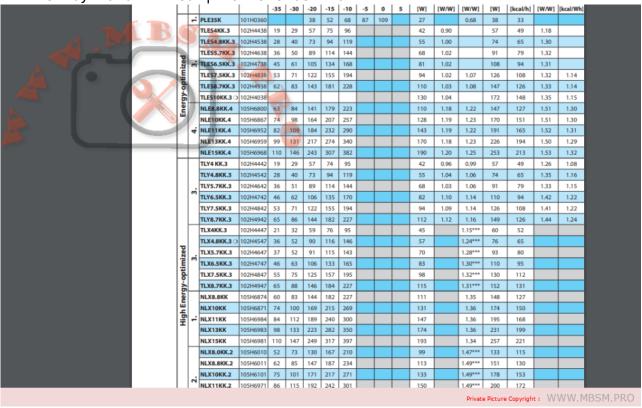
Mbsm.pro, Danfoss, Reciprocating, compressor, NLX11KK.2, 105H6971, NLX11KK.2 105H6971, 1/4 hp++, 1/3 hp-, r600a

Category: compressor

written by mahdi miled | 10 November 2022



Description

Product details

Gross weight 12.47 kg
Net weight 12.47 kg
Gross weight 12.47 kg
Net weight 12.47 kg

Application energy level
Applications
Auxiliary winding resistance (start winding) for single-phase compressors alt [0hm]
Base plate type

High Energy-optimized LBP 31.8 Ohm

EU small

Brand technique Reciprocating compressor Capacity control Fixed speed Colour Black Compressor power supply [V/Ph/Hz] 220-240/1/50 Configuration code Single Cut in current LST [A] 6.4 A **Description** NLX11KK.2 Discharge connection angle [°] 21 ° Discharge connection comments Al-cap Discharge connection diameter [mm] 5 mm Discharge connection material Cu-plated steel **Economizer** No 2360 cm3 Free gas volume [cm3] 50 Frequency [Hz] Height from baseplate [mm] 197 mm High value of nominal voltage at 50Hz [V] 240 V High value of voltage range at 50Hz [V] 255 V Length [mm] 252 mm Liquid injection No Low value of nominal voltage at 50Hz [V] 220 V 187 V Low value of voltage range at 50Hz [V] LRA LST [A] 3.5 A Main winding resistance for single-phase 18.5 Ohm compressors [0hm] Model number NLX11KK.2 **RSCR** Motor type No. of phases (compressor) 1 Oil quantity [cm3] 270 cm3 Oil type P0E Packing format Industrial pack Packing quantity 80 25 ° Process connection angle [°] **Process connection comments** Al-cap Process connection diameter [mm] 6.2 mm Process connection material Cu-plated steel Refrigerant R600a Refrigerant charge [kg] [Max] 0.15 kg0.70 A **RLA** Rotational speed at 50Hz [rpm] 3000 rpm Run capacitor capacitance 2 ÂuF Segment usage Refrigeration LT Speed Platform Fixed-speed Suction connection angle [°] 2 °

Al-cap

Suction connection comments

Suction connection diameter [mm] 6.2 mm Suction connection material Cu-plated steel Swept volume [cm3] 11.15 cm3 **Technology** Reciprocating Total height [mm] 203 mm **Type** NI Type designation Compressor Voltage 50Hz [V] 220 V Voltage 50Hz [V] [Max] 240 V Width [mm] 166 mm Winding temperature short term [°C] [Max] 110 °C Winding temperature stat [°C] [Max] 95 °C Application energy level High Energy-optimized **Applications** LBP Auxiliary winding resistance (start winding) for 31.8 Ohm single-phase compressors alt [0hm] Base plate type EU small Brand technique Reciprocating compressor Capacity control Fixed speed Colour Black Compressor power supply [V/Ph/Hz] 220-240/1/50 Configuration code Single Cut in current LST [A] 6.4 A NLX11KK.2 Description 21 ° Discharge connection angle [°] Discharge connection comments Al-cap Discharge connection diameter [mm] 5 mm Discharge connection material Cu-plated steel Economizer No Free gas volume [cm3] 2360 cm3 Frequency [Hz] 50 Height from baseplate [mm] 197 mm High value of nominal voltage at 50Hz [V] 240 V High value of voltage range at 50Hz [V] 255 V Length [mm] 252 mm Liquid injection No Low value of nominal voltage at 50Hz [V] 220 V Low value of voltage range at 50Hz [V] 187 V LRA LST [A] 3.5 A Main winding resistance for single-phase 18.5 Ohm compressors [Ohm] Model number NLX11KK.2 Motor type **RSCR** No. of phases (compressor) 1

Oil quantity [cm3]270 cm3Oil typePOE

Packing format Industrial pack

Process connection angle [°] 25 Ű

Process connection comments Al-cap

Process connection diameter [mm] 6.2 mm

Process connection material Cu-plated steel

RefrigerantR600aRefrigerant charge [kg] [Max]0.15 kgRLA0.70 ARotational speed at 50Hz [rpm]3000 rpmRun capacitor capacitance $2 \text{ Å}\mu\text{F}$

Segment usage Refrigeration LT Speed Platform Fixed-speed

Suction connection angle $[\hat{A}^{\circ}]$ 2 \hat{A}° Suction connection commentsAl-capSuction connection diameter [mm]6.2 mm

Suction connection material Cu-plated steel

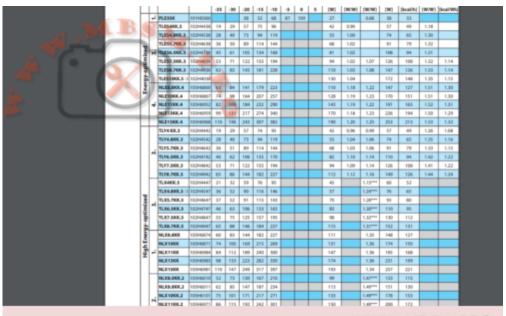
Swept volume [cm3] 11.15 cm3
Technology Reciprocating

Total height [mm] 203 mm
Type NL

Type designation Compressor

Voltage 50Hz [V] 220 V
Voltage 50Hz [V] [Max] 240 V
Width [mm] 166 mm
Winding temperature short term [°C] [Max] 110 °C
Winding temperature stat [°C] [Max] 95 °C

Refrigerant: R600a, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50Mbsm dot pro private PDF nlx11kk.2



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