

**195B0092****Reciprocating compressor, NL9F**

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Refrigerant: R134a, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

**PRODUCT DETAILS**

<b>Gross weight</b>	10.9 kg
<b>Net weight</b>	10.9 kg
<b>Application energy level</b>	Standard
<b>Applications</b>	LBP
<b>Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]</b>	13 Ohm
<b>Base plate type</b>	EU small
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Black
<b>Compressor power supply [V/Ph/Hz]</b>	220-240/1/50
<b>Configuration code</b>	Single
<b>Description</b>	NL9F
<b>Discharge connection angle [°]</b>	35 °
<b>Discharge connection comments</b>	Rubber plug
<b>Discharge connection diameter [mm]</b>	6.2 mm
<b>Discharge connection material</b>	Copper
<b>Economizer</b>	No
<b>Free gas volume [cm<sup>3</sup>]</b>	2280 cm <sup>3</sup>
<b>Frequency [Hz]</b>	50
<b>Height from baseplate [mm]</b>	197 mm
<b>High value of nominal voltage at 50Hz [V]</b>	240 V
<b>High value of voltage range at 50Hz [V]</b>	255 V
<b>Length [mm]</b>	252 mm
<b>Liquid injection</b>	No
<b>Low value of nominal voltage at 50Hz [V]</b>	220 V
<b>Low value of voltage range at 50Hz [V]</b>	187 V
<b>Main winding resistance for single-phase compressors [Ohm]</b>	10.7 Ohm
<b>Model number</b>	NL9F
<b>Motor type</b>	CSIR RSIR

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## Product Detail | Reciprocating compressor, NL9F

## PRODUCT DETAILS

<b>No. of phases (compressor)</b>	1
<b>Oil quantity [cm<sup>3</sup>]</b>	270 cm <sup>3</sup>
<b>Oil type</b>	POE
<b>Packing format</b>	Single pack
<b>Packing quantity</b>	1
<b>Process connection angle [°]</b>	25 °
<b>Process connection comments</b>	Rubber plug
<b>Process connection diameter [mm]</b>	6.2 mm
<b>Process connection material</b>	Copper
<b>Refrigerant</b>	R134a
<b>Refrigerant charge [kg] [Max]</b>	0.4 kg
<b>Rotational speed at 50Hz [rpm]</b>	3000 rpm
<b>Segment usage</b>	Refrigeration LT
<b>Speed Platform</b>	Fixed-speed
<b>Start capacitor capacitance</b>	80 µF
<b>Suction connection angle [°]</b>	15 °
<b>Suction connection comments</b>	Rubber plug
<b>Suction connection diameter [mm]</b>	8.2 mm
<b>Suction connection material</b>	Copper
<b>Swept volume [cm<sup>3</sup>]</b>	8.35 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Total height [mm]</b>	203 mm
<b>Type</b>	NL
<b>Type designation</b>	Compressor
<b>Voltage 50Hz [V]</b>	220 V
<b>Voltage 50Hz [V] [Max]</b>	240 V
<b>Width [mm]</b>	166 mm
<b>Winding temperature short term [°C] [Max]</b>	135 °C
<b>Winding temperature stat [°C] [Max]</b>	125 °C

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