

**120F0236****Reciprocating compressor, NTZ136A4LR1B**

Refrigerants: R404A; R452A, Segment usage: Refrigeration LT, Compressor power supply [V]: 400/3/50 460/3/60, Packing format: Single pack

**PRODUCT DETAILS**

<b>Gross weight</b>	37.42 Kg
<b>Net weight</b>	34.93 Kg
<b>Volume</b>	61.54 Liter
<b>EAN</b>	5702428521161
<b>Approval</b>	CE UKCA
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>China RoHS compliance</b>	Out of scope
<b>Colour</b>	Blue
<b>Compressor power supply [V]</b>	400/3/50 460/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Cylinder</b>	2
<b>Description</b>	NTZ136-4B
<b>Diameter [mm]</b>	288 mm
<b>Discharge connection height [mm]</b>	74 mm
<b>Discharge connection pipe size [in]</b>	3/4 in
<b>Discharge connection size [in]</b>	1 1/4 in
<b>Drawing number</b>	8502012g
<b>Economizer</b>	No
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(a), 6(a)-I, 7(a), 7(c)-I, 8(b), 9(b)
<b>Factory HP [bar]</b>	25 bar
<b>Factory LP [bar]</b>	25 bar
<b>Family</b>	NTZ
<b>Fitting remark</b>	(shipped with rotolock version only)
<b>Fitting sleeve</b>	ODF
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	Schrader
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	50 N-m
<b>GP LP torque [Nm]</b>	15 N-m
<b>High Side TS Max</b>	150 °C
<b>High Side TS Min</b>	-35 °C
<b>High Side Volume</b>	0.6 L

## Product Detail | Reciprocating compressor, NTZ136A4LR1B

## PRODUCT DETAILS

High value of nominal voltage at 50Hz [V]	400 V
High value of voltage range at 50Hz [V]	440 V
In scope of WEEE and contain batteries	No
IP protection class	IP55 (with cable gland)
Low Side TS Max	50 °C
Low Side TS Min	-35 °C
Low Side Volume	16.5 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of voltage range at 50Hz [V]	340 V
LRA	51 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	22.6 bar
MCC	14.3 A
Model number	NTZ136A4LR1B
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Number of starts per hour [Max]	12
Oil charge [L]	1.8 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m
Oil reference	175PZ
Packaging height [mm]	450 mm
Packaging length [mm]	385 mm
Packaging width [mm]	375 mm
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	NTZ
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	5 kg
Refrigerants	R404A R452A
Rotational speed at 50Hz [rpm]	2900 rpm
SCIP dossier no.	9b3fb119-9852-486a-92dd-53aa9c96fd3b
Segment usage	Refrigeration LT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts, and gaskets
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	265 mm
Suction connection material	-
Suction connection pipe size [in]	1 1/8 in

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**Product Detail | Reciprocating compressor, NTZ136A4LR1B**
**PRODUCT DETAILS**

<b>Suction connection size [in]</b>	1 3/4 in
<b>Swept volume [cm<sup>3</sup>]</b>	136 cm <sup>3</sup>
<b>Technology</b>	Reciprocating
<b>Test Dif [bar] [Max]</b>	30 bar
<b>Test HP [bar] [Max]</b>	30 bar
<b>Test LP [bar] [Max]</b>	25 bar
<b>Torque earth [Nm]</b>	3 N-m
<b>Torque power [Nm]</b>	3 N-m
<b>Total height [mm]</b>	413 mm
<b>Type</b>	NTZ136
<b>UK RoHS compliance</b>	Out of scope
<b>Winding resistance for three-phase compressors with identical windings [Ohm]</b>	3.8 Ohm
<b>Proposition 65</b>	WARNING: Cancer and Reproductive Harm <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

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**Accessories**

**120Z0764** [↗](#)
**Mounting, Compressor kit**

Mounting kit 2 cylinder HP


**8153004** [↗](#)
**Connector, Solder Sleeve**

Solder sleeve, P02 (1-3/4" rotolock, 1-1/8" ODF)


**8156009** [↗](#)
**Connector, GASKET**

Gasket set, 1", 1-1/4", 1-3/4", OSG gaskets black and white


**8156134** [↗](#)
**Electrical component, Terminal box**

Service kit for terminal box 80 x 96 mm, including 1 cover, 1 clamp


**8156131** [↗](#)
**Connector, GASKET**

Gasket, 1-1/4"

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**Accessories**

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**7750009** [🔗](#)**Electrical component, Discharge thermostat kit**

Discharge thermostat kit

**8153008** [🔗](#)**Connector, Solder Sleeve**

Solder sleeve, P04 (1-1/4" rotolock, 3/4" ODF)

**8156132** [🔗](#)**Connector, GASKET**

Gasket, 1-3/4"

**120Z0576** [🔗](#)**Acoustic hood, Reciprocating**

Acoustic hood for two-cylinder compressor

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**Spare Parts**

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**7773117** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 400 V, CE mark, UL

**120Z0459** [🔗](#)**Crankcase heater, PTC heater**

PTC heater 27W, CE mark, UL

**8156019** [🔗](#)**Connector, Sight glass**

Oil sight glass with gaskets (black and white)

**8168029** [🔗](#)**Connector, Rotolock service valve**

Rotolock valve, V04 (1-1/4" rotolock, 3/4" ODF)

**7703009** [🔗](#)**Connector, Valve set**

Valve set, V02 (1-3/4"~1-1/8"), V04 (1-1/4"~3/4")

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Spare Parts



**8156145** [🔗](#)

**Connector, GASKET**

Gasket for oil sight glass (black chloroprene)



**8168028** [🔗](#)

**Connector, Rotolock service valve**

Rotolock valve, V02 (1-3/4" rotolock, 1-1/8" ODF)



**7773107** [🔗](#)

**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V, CE mark, UL



**120Z0466** [🔗](#)

**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 460 V, CE mark, UL



**120Z0891** [🔗](#)

**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 400 V

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