

**120F0243** **Reciprocating compressor, NTZ271A4LR1B**

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

PRODUCT DETAILS

Gross weight	67.5 Kilogram
Net weight	64 Kilogram
Volume	104.267 Liter
EAN	5702428521093
Type	NTZ271
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor NTZ
Approval	CE UKCA
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
CE mark	Yes
China RoHS compliance	Yes with exemptions
China RoHS exemption clause	7.1 7.3
Colour	Blue
Compressor power supply [V]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Contains batteries	No
Cylinder	4
Description	NTZ271-4B
Diameter [mm]	352 mm
Discharge connection height [mm]	125 mm
Discharge connection pipe size [in]	3/4 in
Discharge connection size [in]	1 1/4 in
Drawing number	8504010f
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a) 6(c)
Factory HP [bar]	25 bar
Factory LP [bar]	25 bar
Family	NTZ
Fitting remark	(shipped with rotolock version only)
Fitting sleeve	ODF
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None

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Product Detail | Reciprocating compressor, NTZ271A4LR1B

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Gauge port LP	Schrader
Glass mounting	Threaded
Glass torque [Nm]	50 N-m
GP LP torque [Nm]	15 N-m
High Side TS Max	150 °C
High Side TS Min	-35 °C
High Side Volume	1.2 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
In scope of WEEE	No
IP protection class	IP54 (with cable gland)
Low Side TS Max	50 °C
Low Side TS Min	-35 °C
Low Side Volume	31 L
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	96 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	22.6 bar
MCC	27 A
Model number	NTZ271A4LR1B
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]	3.9 L
Oil equalization	3/8" flare SAE
Oil equalization torque [Nm]	30 N-m
Oil reference	175PZ
Packing format	Industrial pack
Packing quantity	6
Phase	3
Power connections	Screw connectors 10-32 UNF x 9.5
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	10 kg
Refrigerants	R404A R452A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	6971587b-85b6-4808-886d-274e8a9998d4

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PRODUCT DETAILS

Segment usage	Refrigeration LT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts and gaskets
Suction connection height [mm]	233 mm
Suction connection material	-
Suction connection pipe size [in]	1 1/8 in
Suction connection size [in]	1 3/4 in
Swept volume [cm ³]	271 cm ³
Technology	Reciprocating
Test dif [bar] [Max]	30 bar
Test HP [bar] [Max]	30 bar
Test LP [bar] [Max]	25 bar
Torque earth [Nm]	3 N-m
Torque power [Nm]	3 N-m
Total height [mm]	519 mm
Winding resistance for three- phase compressors with identical windings [Ohm]	1.61 Ohm

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