

**120F0240****Reciprocating compressor, NTZ215A4LR1B**

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

PRODUCT DETAILS

Gross weight	68.25 Kg
Net weight	63.67 Kg
Volume	100.75 Liter
EAN	5702428521123
Approval	CE UKCA
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	400/3/50 460/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	4
Description	NTZ215-4B
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(a)-I, 7(a), 7(c)-I, 8(b), 9(b)
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
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

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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 and contain batteries	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	74 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	22.6 bar
MCC	22.3 A
Model number	NTZ215A4LR1B
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	Single pack
Packing quantity	1
Phase	3
Power connections	Screw connectors 10-32 UNF x 9.5
Product group	Hermetic compressors
Product Name Description	NTZ
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
Segment usage	Refrigeration LT
Shipped fittings	Suction and discharge solder sleeves, rotolock nuts, and gaskets
Suction connection height [mm]	233 mm

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Suction connection material	-
Suction connection pipe size [in]	1 1/8 in
Suction connection size [in]	1 3/4 in
Swept volume [cm³]	215 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
Type	NTZ215
UK RoHS compliance	Out of scope
Winding resistance for three-phase compressors with identical windings [Ohm]	2.23 Ohm
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

Accessories

8156007 [🔗](#)
Mounting, Compressor kit

Mounting kit for four-cylinder compressor and MS, including 4 grommets, 4 bolts


8156009 [🔗](#)
Connector, GASKET

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


8156135 [🔗](#)
Electrical component, Terminal box

Service kit for terminal box 96 x 115 mm, including 1 cover, 1 clamp


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

Acoustic hood for two-cylinder compressor


8173230 [🔗](#)
Electrical component, T block

T block connector 52 x 57 mm

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Product Detail | Reciprocating compressor, NTZ215A4LR1B**Accessories****8153004** [🔗](#)**Connector, Solder Sleeve**

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

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

Gasket, 1-1/4"

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

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

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

Gasket, 1-3/4"

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

Discharge thermostat kit

Spare Parts**120Z0464** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 75 W, 460 V, CE mark, UL

**7773118** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 75 W, 400 V, CE mark, UL

**7773108** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 75 W, 230 V, CE mark, UL

**8168028** [🔗](#)**Connector, Rotolock service valve**

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

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Spare Parts

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

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

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

PTC heater 27W, CE mark, UL

**8156145** [🔗](#)**Connector, GASKET**

Gasket for oil sight glass (black chloroprene)

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

Oil sight glass with gaskets (black and white)

**7703009** [🔗](#)**Connector, Valve set**Valve set, V02 (1-3/4"~1-1/8"), V04 (1-1/4"~3/4")

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