

**120F0281****Reciprocating compressor, NTZ096A3LR1B**

Refrigerants: R404A; R452A, Segment usage: Refrigeration LT, Compressor power supply [V]: 200-230/3/60, Packing format: Single pack

**PRODUCT DETAILS**

Gross weight	37.5 Kg
Net weight	35 Kg
Volume	61.54 Liter
EAN	5702428665315
Approval	CE UL UKCA
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	200-230/3/60
Configuration code	Single
Connection type	Rotolock
Cylinder	2
Description	NTZ096-3B
Diameter [mm]	288 mm
Discharge connection height [mm]	74 mm
Discharge connection pipe size [in]	3/4 in
Discharge connection size [in]	1 1/4 in
Drawing number	8502012g
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]	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



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High Side Volume	0.6 L
High value of nominal voltage at 60Hz [V]	230 V
High value of voltage range at 60Hz [V]	253 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 60Hz [V]	200 V
Low value of voltage range at 60Hz [V]	180 V
LRA	72 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	22.6 bar
MCC	20.4 A
Model number	NTZ096A3LR1B
Motor protection	Internal overload protector
Mounting torque [Nm]	15 N-m
Network power supply [V/Ph/Hz]	208-230/3/60
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
Refrigerant charge [kg] [Max]	5 kg
Refrigerants	R404A
	R452A
Rotational speed at 60Hz [rpm]	3500 rpm
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]	7/8 in
Suction connection size [in]	1 3/4 in

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Swept volume [cm <sup>3</sup> ]	96 cm <sup>3</sup>
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]	413 mm
Type	NTZ096
UK RoHS compliance	Out of scope
Viscosity [cP]	32 cP

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## Accessories

**120Z0763** [🔗](#)**Mounting, Compressor kit**

Mounting kit 2 cylinder

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

Gasket, 1-3/4"

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

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

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

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

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

Acoustic hood for two-cylinder compressor

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

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

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## Accessories

**8153013** **Connector, Solder Sleeve**

Solder sleeve, P07 (1-3/4" rotolock, 7/8" ODF)

**7750009** **Electrical component, Discharge thermostat kit**

Discharge thermostat kit

**8156131** **Connector, GASKET**

Gasket, 1-1/4"

## Spare Parts

**7773109** **Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 110 V, CE mark, UL

**7703006** **Connector, Valve set**

Valve set, V07 (1-3/4"~7/8"), V04 (1-1/4"~3/4")

**8156019** **Connector, Sight glass**

Oil sight glass with gaskets (black and white)

**8156145** **Connector, GASKET**

Gasket for oil sight glass (black chloroprene)

**8168032** **Connector, Rotolock service valve**

Rotolock valve, V07 (1-3/4" rotolock, 7/8" ODF)

**120Z0638** **Lubricant, 175PZ**

POE lubricant, 175PZ, 1-litre can

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Spare Parts

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

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

**7773107** [🔗](#)**Crankcase heater, Belt heater**

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

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

PTC heater 27W, CE mark, UL

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