

**121L9545****Scroll compressor, LLZ013T2LQ9A**

Refrigerants: R404A; R507A; R452A, Segment usage: Refrigeration LT, Compressor
power supply [V]: 200-220/3/50 208-230/3/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	46 Kilogram
Net weight	42 Kilogram
Volume	0.1 Cubic meter
EAN	5702428801652
Approval	CCC CE UL UKCA
Brand technique	Scroll compressor
Capacity control	Fixed speed
CE evaluated	Yes
China RoHS compliance	Yes exceed limitations
Colour	Blue
Compressor power supply [V]	200-220/3/50 208-230/3/60
Configuration code	Single
Connection type	Rotolock
Description	LLZ013T2A
Diameter [mm]	184 mm
Discharge connection height [mm]	458 mm
Discharge connection size [in]	1 in
Drawing number	0SR7510D-2
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	7(c)-I 6(a) 6(a)-I 6(c) 7(a) 8(b)
Family	LLZ
Fitting remark	Rotolock connection kit for suction, economiser and discharge fittings with seals, nuts and sleeves.
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Glass mounting	Threaded
Glass torque [Nm]	53 N-m

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product Detail | Scroll compressor, LLZ013T2LQ9A

PRODUCT DETAILS

Height economiser [mm]	381.7 mm
High Side TS Max	135 °C
High Side TS Min	-40 °C
High Side Volume	0.5 L
High value of nominal voltage at 50Hz [V]	220 V
High value of nominal voltage at 60Hz [V]	230 V
High value of voltage range at 50Hz [V]	242 V
High value of voltage range at 60Hz [V]	253 V
In scope of WEEE and contain batteries	No
IP protection class	IP22
Length [mm]	232 mm
Liquid injection	Yes
Liquid injection valve	Sporlan Y1037-1/2-230-3/8ODFX3/8ODF
Low Side TS Max	55 °C
Low Side TS Min	-40 °C
Low Side Volume	4.7 L
Low value of nominal voltage at 50Hz [V]	200 V
Low value of nominal voltage at 60Hz [V]	208 V
Low value of voltage range at 50Hz [V]	180 V
Low value of voltage range at 60Hz [V]	187 V
LRA	123 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	25.4 bar
MCC	25 A
Model number	LLZ013T2LQ9A
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	200-230/3/50 208-230/3/60
Number of starts per hour [Max]	12
Oil charge [L]	1.62 L
Oil drain	None
Oil equalization	None
Oil reference	215PZ
Oil type	POE
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	Scroll compressor LLZ
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	4.54 kg
Refrigerants	R404A

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

PRODUCT DETAILS

	R452A
	R507A
RLA	17.9 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	df558db8-e518-4a4c-a654-f7f2b8bda810
Segment usage	Refrigeration LT
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets and sleeves
Shipped oil	Initial oil charge
Suction connection height [mm]	309 mm
Suction connection material	-
Suction connection size [in]	1 1/4 in
Swept volume [cm ³]	67.4 cm ³
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	485 mm
Type	LLZ013
U.S. EPA label	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.
UK RoHS compliance	Yes with exemptions
UK RoHS exemption clause	19 21 24 12 13 18
UL evaluated	Yes
Viscosity [cP]	46 cP
Width [mm]	232 mm

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

Spare Parts

**120Z0059** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V

**120Z0060** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 400 V

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product Detail | Scroll compressor, LLZ013T2LQ9A

Spare Parts

**120Z5042** **Crankcase heater, Belt heater**

Belt type crankcase heater, 70 W, 575V, CE mark, UL

**120Z0892** **Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V

**120Z0895** **Crankcase heater, Belt heater**

Belt type crankcase heater, 60 W, 240 V

**120Z0890** **Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 400/460 V

**120Z0893** **Crankcase heater, Belt heater**Belt type crankcase heater, 65 W, 400/460 V

For more information, please use this link to visit the product page on Danfoss Product Store 

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.