

**121L9551****Scroll compressor, LLZ024T2LQ9A**

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	49.3 Kilogram
Net weight	46 Kilogram
Volume	0.1 Cubic meter
EAN	5702428654012
Approval	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	LLZ024T2A
Diameter [mm]	184 mm
Discharge connection height [mm]	513 mm
Discharge connection size [in]	1 1/4 in
Drawing number	0SR7510D-1
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
Height economiser [mm]	421.7 mm

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Product Detail | Scroll compressor, LLZ024T2LQ9A

PRODUCT DETAILS

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	6 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	190 A
Max pressure (PS) - high side	28.5 bar
Max pressure (PS) - low side	25.4 bar
MCC	40 A
Model number	LLZ024T2LQ9A
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]	2.51 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]	7.26 kg
Refrigerants	R404A R452A

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Product Detail | Scroll compressor, LLZ024T2LQ9A

PRODUCT DETAILS

	R507A
RLA	25.6 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]	349 mm
Suction connection material	-
Suction connection size [in]	1 3/4 in
Swept volume [cm³]	120.2 cm ³
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	540 mm
Type	LLZ024
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

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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

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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

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