

**121L8719****Scroll compressor, MLZ019T1LT9A**

Refrigerants: R404A; R407C; R507A; R452A; R134a; R513A; R22; R448A; R449A,
Segment usage: Refrigeration HT; Refrigeration MT, Compressor power supply [V]:
208-230/1/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	34.556 Kilogram
Net weight	32.91 Kilogram
Volume	0.1 Cubic meter
EAN	5702424060893
Approval	CE UKCA UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	1.57
Brand technique	Scroll compressor
Capacity control	Fixed speed
Capacity of capacitor A	45 µF
Capacity of capacitor B	145-175 µF
CE evaluated	Yes
China RoHS compliance	Yes exceed limitations
Colour	Blue
Compressor power supply [V]	208-230/1/60
Configuration code	Single
Connection type	Rotolock
Description	MLZ019T1A
Diameter [mm]	165 mm
Discharge connection height [mm]	379 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1 in
Drawing number	0XC6290B-1
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	MLZ
Fitting standard	Rotolock
Frequency [Hz]	60
Gauge port HP	None
Gauge port LP	None
Glass mounting	Threaded

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, MLZ019T1LT9A

PRODUCT DETAILS

Glass torque [Nm]	53 N-m
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	IP22
Liquid injection	No
Low value of nominal voltage at 60Hz [V]	208 V
Low value of voltage range at 60Hz [V]	187 V
LRA	96.7 A
Main winding resistance for single-phase compressors [Ohm]	0.67
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	25 A
Model number	MLZ019T1LT9A
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	208-230/1/60
Number of starts per hour [Max]	12
Oil charge [L]	1.06 L
Oil drain	1/4" flare
Oil equalization	None
Oil reference	215PZ
Oil type	POE
Packing format	Single pack
Packing quantity	1
Phase	1
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Scroll compressor MLZ
Refrigerant charge [kg] [Max]	3.63 kg
Refrigerants	R134a R22 R404A R407C R448A R449A R452A R507A R513A
RLA	16 A
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Refrigeration MT Refrigeration HT
Suction connection height [mm]	250 mm
Suction connection material	-
Suction connection pipe size [in]	3/4 in
Suction connection size [in]	1 1/4 in

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, MLZ019T1LT9A
PRODUCT DETAILS

Swept volume [cm³]	43.51 cm ³
Technology	Scroll
Total height [mm]	412 mm
Type	MLZ019A
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
Voltage of capacitor A [V]	370 V
Voltage of capacitor B [V]	250 V

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

Accessories

8156130 [🔗](#)
Connector, Gasket

Gasket, 1"


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

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


8153007 [🔗](#)
Connector, Solder sleeve

Solder sleeve, P06 (1" rotolock, 1/2" ODF)


118U0056 [🔗](#)
Electrical component, IP Upgrade kit

IP54 upgrade kit


8153008 [🔗](#)
Connector, Solder sleeve

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

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, MLZ019T1LT9A

Accessories

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

Gasket, 1-1/4"

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

Discharge thermostat kit

**120Z0126** [🔗](#)**Connector, Solder sleeve adapter set**

Solder sleeve adaptor set (1-1/4" rotolock, 3/4" ODF), (1" rotolock, 1/2" ODF)

**120Z5064** [🔗](#)**Mounting, Compressor kit**

Mounting kit for one-scroll compressor, including 4 grommets, 4 sleeves, 4 bolts, 4 washers

**120Z5083** [🔗](#)**Acoustic hood, Scroll**

Acoustic hood

**8168031** [🔗](#)**Connector, Rotolock service valve**

Rotolock valve, V06 (1" rotolock, 1/2" ODF)

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

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

Spare Parts

**120Z0648** [🔗](#)**Lubricant, 215PZ**

POE lubricant, 215PZ, 1-litre can

**120Z5015** [🔗](#)**Electrical component, Terminal box**

Terminal box

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.

Spare Parts



8168029 [🔗](#)

Connector, Rotolock service valve

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



120Z0895 [🔗](#)

Crankcase heater, Belt heater

Belt type crankcase heater, 60 W, 240 V



8168031 [🔗](#)

Connector, Rotolock service valve

Rotolock valve, V06 (1" rotolock, 1/2" ODF)

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.