

**121L8709****Scroll compressor, MLZ015T1LT9A**

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	39 Kilogram
Net weight	29 Kilogram
Volume	0.1 Cubic meter
EAN	5702424060084
Approval	CE UKCA UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	1.7
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	MLZ015T1A
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

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Product Detail | Scroll compressor, MLZ015T1LT9A

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	69 A
Main winding resistance for single-phase compressors [Ohm]	0.84
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	19 A
Model number	MLZ015T1LT9A
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	12.2 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

PRODUCT DETAILS

Swept volume [cm ³]	33.77 cm ³
Technology	Scroll
Total height [mm]	412 mm
Type	MLZ015A
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]	330 V

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

Accessories

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

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

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

Gasket, 1-1/4"

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

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

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

Acoustic hood

**8156130** [🔗](#)**Connector, Gasket**

Gasket, 1"

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Accessories

**120Z0399** [🔗](#)**Electrical component, Start capacitor**

Start capacitor 145-175 µF

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

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

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

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

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

IP54 upgrade kit

**8173231** [🔗](#)**Electrical component, Run capacitor**

Run capacitor 440V, 40 µF

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

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

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

Discharge thermostat kit

**8153007** [🔗](#)**Connector, Solder sleeve**

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

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

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

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Spare Parts

**8168029** [!\[\]\(74d4806277d7e73349d8e8c0897931e9_img.jpg\)](#)**Connector, Rotolock service valve**

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

**120Z5015** [!\[\]\(8bba887393ca45b761e5cb49e755e762_img.jpg\)](#)**Electrical component, Terminal box**

Terminal box

**120Z0648** [!\[\]\(0fb13ad0bfa3d86868cdd3883e5665b3_img.jpg\)](#)**Lubricant, 215PZ**

POE lubricant, 215PZ, 1-litre can

**120Z0895** [!\[\]\(e50091943b385fe16d3277389202856f_img.jpg\)](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 60 W, 240 V

**8168031** [!\[\]\(e119fc79c8f448683d20ba4c873025a2_img.jpg\)](#)**Connector, Rotolock service valve**

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

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