

**121L8723****Scroll compressor, MLZ019T2LT9A**

Refrigerants: R404A; R407C; R507A; R452A; R134a; R513A; R22; R448A; R449A,  
 Segment usage: Refrigeration HT; Refrigeration MT, Compressor power supply [V]:  
 200-220/3/50 208-230/3/60, Packing format: Single pack

**PRODUCT DETAILS**

<b>Gross weight</b>	32.73 Kilogram
<b>Net weight</b>	31.06 Kilogram
<b>Volume</b>	0.1 Cubic meter
<b>EAN</b>	5702424060855
<b>Approval</b>	CE UL UKCA
<b>Brand technique</b>	Scroll compressor
<b>Capacity control</b>	Fixed speed
<b>CE evaluated</b>	Yes
<b>China RoHS compliance</b>	Yes exceed limitations
<b>Colour</b>	Blue
<b>Compressor power supply [V]</b>	200-220/3/50 208-230/3/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Description</b>	MLZ019T2A
<b>Diameter [mm]</b>	165 mm
<b>Discharge connection height [mm]</b>	379 mm
<b>Discharge connection pipe size [in]</b>	1/2 in
<b>Discharge connection size [in]</b>	1 in
<b>Drawing number</b>	0XC6290B-1
<b>Economizer</b>	No
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	7(c)-l 6(a) 6(a)-l 6(c) 7(a) 8(b)
<b>Family</b>	MLZ
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	50/60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	None
<b>Glass mounting</b>	Threaded
<b>Glass torque [Nm]</b>	53 N·m
<b>High value of nominal voltage at 50Hz [V]</b>	220 V

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## PRODUCT DETAILS

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
Liquid injection	No
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	95 A
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	20 A
Model number	MLZ019T2LT9A
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]	1.06 L
Oil drain	1/4" flare
Oil equalization	None
Oil reference	215PZ
Oil type	POE
Packing format	Single pack
Packing quantity	1
Phase	3
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	12.8 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Refrigeration MT Refrigeration HT
Suction connection height [mm]	250 mm

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<b>Suction connection material</b>	-
<b>Suction connection pipe size [in]</b>	3/4 in
<b>Suction connection size [in]</b>	1 1/4 in
<b>Swept volume [cm<sup>3</sup>]</b>	43.51 cm <sup>3</sup>
<b>Technology</b>	Scroll
<b>Total height [mm]</b>	412 mm
<b>Type</b>	MLZ019A
<b>U.S. EPA label</b>	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.
<b>UK RoHS compliance</b>	Yes with exemptions
<b>UK RoHS exemption clause</b>	19 21 24 12 13 18
<b>UL evaluated</b>	Yes
<b>Viscosity [cP]</b>	46 cP
<b>Voltage of capacitor A [V]</b>	370 V
<b>Winding resistance 1-2 [Ohm]</b>	1.18
<b>Winding resistance 1-3 [Ohm]</b>	0.87
<b>Winding resistance 2-3 [Ohm]</b>	1.18

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

## Accessories



**120Z5064** [↗](#)

**Mounting, Compressor kit**

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



**8156131** [↗](#)

**Connector, Gasket**

Gasket, 1-1/4"



**118U0056** [↗](#)

**Electrical component, IP Upgrade kit**

IP54 upgrade kit



**120Z5083** [↗](#)

**Acoustic hood, Scroll**

Acoustic hood

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**Accessories**

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**8156130** **Connector, Gasket**

Gasket, 1"

**8156009** **Connector, Gasket**

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

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

Discharge thermostat kit

**Spare Parts**

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**8168029** **Connector, Rotolock service valve**

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

**120Z0648** **Lubricant, 215PZ**

POE lubricant, 215PZ, 1-litre can

**120Z5015** **Electrical component, Terminal box**

Terminal box

**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)

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