

**121L8775****Scroll compressor, MLZ038T1LQ9A**

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**

<b>Gross weight</b>	40.37 Kilogram
<b>Net weight</b>	37.2 Kilogram
<b>Volume</b>	0.1 Cubic meter
<b>EAN</b>	5702424059606
<b>Approval</b>	CE UKCA UL
<b>Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]</b>	1.76
<b>Brand technique</b>	Scroll compressor
<b>Capacity control</b>	Fixed speed
<b>Capacity of capacitor A</b>	55 µF
<b>Capacity of capacitor B</b>	88-108 µF
<b>CE evaluated</b>	Yes
<b>China RoHS compliance</b>	Yes exceed limitations
<b>Colour</b>	Blue
<b>Compressor power supply [V]</b>	208-230/1/60
<b>Configuration code</b>	Single
<b>Connection type</b>	Rotolock
<b>Description</b>	MLZ038T1A
<b>Diameter [mm]</b>	184 mm
<b>Discharge connection height [mm]</b>	422 mm
<b>Discharge connection pipe size [in]</b>	1/2 in
<b>Discharge connection size [in]</b>	1 in
<b>Drawing number</b>	0XR6298B-2
<b>Economizer</b>	No
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	7(c)-I 6(a) 6(a)-I 6(c) 7(a) 8(b)
<b>Family</b>	MLZ
<b>Fitting standard</b>	Rotolock
<b>Frequency [Hz]</b>	60
<b>Gauge port HP</b>	None
<b>Gauge port LP</b>	None

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## PRODUCT DETAILS

Glass mounting	Threaded
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	160 A
Main winding resistance for single-phase compressors [Ohm]	0.28
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	45 A
Model number	MLZ038T1LQ9A
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]	1.57 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	Screw connectors 10-32 UNF x 9.5
Product group	Hermetic compressors
Product Name Description	Scroll compressor MLZ
Refrigerant charge [kg] [Max]	5.44 kg
Refrigerants	R134a R22 R404A R407C R448A R449A R452A R507A R513A
RLA	28.9 A
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Refrigeration MT Refrigeration HT
Suction connection height [mm]	280 mm
Suction connection material	-
Suction connection pipe size [in]	7/8 in

## Product Detail | Scroll compressor, MLZ038T1LQ9A

## PRODUCT DETAILS

Suction connection size [in]	1 1/4 in
Swept volume [cm <sup>3</sup> ]	80.94 cm <sup>3</sup>
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	455 mm
Type	MLZ038A
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]	440 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

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

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

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

Gasket, 1"

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

Gasket, 1-1/4"

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Spare Parts

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**120Z0059** [!\[\]\(23d9fc146e83b5c3013cfa32c784f8d5\_img.jpg\)](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V

**8168030** [!\[\]\(aa53ad6fea213b8b2226d3077e30533a\_img.jpg\)](#)**Connector, Rotolock service valve**

Rotolock valve, V05 (1-1/4" rotolock, 7/8" ODF)

**120Z0892** [!\[\]\(626ce8ac21792b9405bfddfea8e0c96a\_img.jpg\)](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V

**8168031** [!\[\]\(c1168d6a8b365d11e842ece304635fa7\_img.jpg\)](#)**Connector, Rotolock service valve**

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

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