

**121L8797****Scroll compressor, MLZ045T2LQ9A**

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

Gross weight	41.42 Kilogram
Net weight	37.2 Kilogram
Volume	0.1 Cubic meter
EAN	5702424059514
Approval	CE UKCA UL
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	MLZ045T2A
Diameter [mm]	184 mm
Discharge connection height [mm]	422 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1 in
Drawing number	0XR6298B-2
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	MLZ
Fitting standard	Rotolock
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Glass mounting	Threaded
Glass torque [Nm]	53 N-m
High value of nominal voltage at 50Hz [V]	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	170 A
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	30 A
Model number	MLZ045T2LQ9A
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]	1.57 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	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	19.2 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]	280 mm

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Product Detail | Scroll compressor, MLZ045T2LQ9A

PRODUCT DETAILS

Suction connection material	-
Suction connection pipe size [in]	7/8 in
Suction connection size [in]	1 1/4 in
Swept volume [cm ³]	98.57 cm ³
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	455 mm
Type	MLZ045A
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
Winding resistance 1-2 [Ohm]	0.46
Winding resistance 1-3 [Ohm]	0.48
Winding resistance 2-3 [Ohm]	0.48

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

**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

**120Z5012** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 70 W, 460 V (NAM/LAM only)

**8168030** [🔗](#)**Connector, Rotolock service valve**

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

**120Z0892** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 65 W, 230 V

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

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

**120Z0894** [🔗](#)**Crankcase heater, Belt heater**Belt type crankcase heater, 65 W, 460 V

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