

**121L8083****Scroll compressor, MLM045T4LC9**

Refrigerants: R22, Segment usage: Refrigeration HT; Refrigeration MT,
Compressor power supply [V]: 380-415/3/50 460/3/60, Packing format: Industrial
pack

PRODUCT DETAILS

Gross weight	41.46 Kilogram
Net weight	37.2 Kilogram
Volume	0.06 Cubic meter
EAN	5702428406130
Type	MLM045
Product group	Hermetic compressors
Product Name Description	Scroll compressor MLM
Brand technique	Scroll compressor
Capacity control	Fixed speed
CE evaluated	Yes
China RoHS compliance	Yes with exemptions
Colour	Blue
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Contain batteries	No
Description	MLM045T4
Diameter [mm]	184 mm
Discharge connection height [mm]	422 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1/2 in
Drawing number	0XR6025B-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	MLM
Fitting standard	ODF
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]	400 V

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, MLM045T4LC9

PRODUCT DETAILS

High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	460 V
High value of voltage range at 60Hz [V]	506 V
IDV	No
In scope of WEEE	No
IP protection class	IP22
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	340 V
Low value of voltage range at 60Hz [V]	414 V
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	15 A
Model number	MLM045T4LC9
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Oil charge [L]	1.57 L
Oil drain	1/4" flare
Oil equalization	None
Oil reference	160ABM
Oil type	Alkylbenzene
Packing format	Industrial pack
Packing quantity	12
Phase	3
Power connections	Screw connectors 10-32 UNF x 9.5
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerants	R22
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	9f3eb380-2376-4d7e-8e20-14d0789b1562
Segment usage	Refrigeration MT Refrigeration HT
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets and sleeves
Shipped oil	Initial oil charge
Suction connection height [mm]	280 mm
Suction connection material	-
Suction connection pipe size [in]	7/8 in
Suction connection size [in]	7/8 in
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	455 mm

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 DETAILS

Viscosity [cP]	32 cP
----------------	-------

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"



120Z0127 [↗](#)
Connector, Solder sleeve adapter set
 Solder sleeve adaptor set (1-1/4" rotolock, 7/8" ODF), (1" rotolock, 1/2" ODF)



118U0057 [↗](#)
Electrical component, IP Upgrade kit
 IP54 upgrade kit

Spare Parts



8168031 [↗](#)
Connector, Rotolock service valve
 Rotolock valve, V06 (1" rotolock, 1/2" ODF)



120Z0060 [↗](#)
Crankcase heater, Belt heater
 Belt type crankcase heater, 65 W, 400 V

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



120Z0892 [🔗](#)

Crankcase heater, Belt heater

Belt type crankcase heater, 65 W, 230 V

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.