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Größere Ansicht

Scrollkompressor, MLZ026T4LP9B

121L8433

Kältemittel: R404A; R452A; R407A; R134a; R454C; R407F; R513A; R448A; R455A; R449A, Segmentnutzung: Kältetechnik HT; Kühlung MT, Kompressor-Stromversorgung [V]: 380-415/3/50 460/3/60, Verpackungsformat: Einzelpackung

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[Produktdetails](#)[Unterlagen](#)[Zertifikate](#)[Visuals](#)[Zubehör](#)[Ersatzteile](#)

Produktdetails

Gross weight	32.55 Kg
Net weight	31 Kg
Volume	0.1 Cubic.mtr
EAN	5702424537418
Approval	CE UKCA
Brand technique	Scroll compressor
Capacity control	Fixed speed
Colour	Blue
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Description	MLZ026T4B
Diameter [mm]	164 mm
Discharge connection height [mm]	360 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1/2 in
Drawing number	8590030
Economizer	No

Family	MLZ
Fitting standard	ODF
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Glass mounting	Threaded
Glass torque [Nm]	53 N-m
Height from baseplate [mm]	393 mm
High value of nominal voltage at 50Hz [V]	415 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	457 V
High value of voltage range at 60Hz [V]	506 V
In scope of WEEE and contain batteries	No
IP protection class	IP22
Liquid injection	No
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]	342 V
Low value of voltage range at 60Hz [V]	414 V
LRA	45 A
Max pressure (PS) - high side	30.8 bar
Max pressure (PS) - low side	26.2 bar
MCC	10 A

Model number	MLZ026T4LP9B
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Number of starts per hour [Max]	12
Oil charge [L]	1.14 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 R404A R407A R407F R448A R449A R452A R454C R455A R513A
Relief valve	None
RLA	6.4 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]	231 mm
Suction connection material	-
Suction connection pipe size [in]	3/4 in
Suction connection size [in]	3/4 in
Swept volume [cm³]	57.11 cm ³
Technology	Scroll
Type	MLZ026B
Viscosity [cP]	46 cP
Winding resistance 1-2 [Ohm]	4.66
Winding resistance 1-3 [Ohm]	3.42
Winding resistance 2-3 [Ohm]	4.66

Documents

Documen...	Country	Language	Title
Application guide	Multiple	English	Danfoss Scroll for Refrigeration MLZ Evolution B (with P (//assets.danfoss.com/documents/239110/AB40442492 000201.pdf) AB404424926470en-000201 3316 KB

			Title
Brochure	Multiple	English	Brochure Scroll compressors for refrigeration MLZ LLZ scroll compressors GB (//assets.danfoss.com/documents/95620/AD147986435020501.pdf) AD147986435407en-020501 764 KB
Brochure	Multiple	English	Brochure Scroll compressors for refrigeration MLZ LLZ scroll compressors US (//assets.danfoss.com/documents/95622/AD147986435000502.pdf) AD147986435407en-000502 564 KB
Brochure	Multiple	English	MLZ compressor and accessory cut sheet (//assets.danfoss.com/documents/97919/AD315457125010101.pdf) AD315457125396en-010101 3109 KB
Catalog	Multiple	English	Spare parts and accessories Danfoss Commercial Compressor for hermetic reciprocating and scroll compressors (AC/HERMETIC REF) (//assets.danfoss.com/documents/256012/AF200886435000901.pdf) AF200886436047en-000901
Data sheet	Multiple	English	Polynomial coefficients MLZ (Evolution A), R448A (//assets.danfoss.com/documents/180911/AI264962370000201.xls) AI264962370493en-000201
Data sheet	Multiple	English	Polynomial coefficients MLZ (Evolution A), R449A (//assets.danfoss.com/documents/180912/AI264962949000201.xls) AI264962949495en-000201
Data sheet	Multiple	English	Polynomial coefficients MLZ (Evolution A), R452A (//assets.danfoss.com/documents/180914/AI274664120000301.xls) AI274664120081en-000301

			Title
Data sheet	Multiple	English	Polynomial coefficients MLZ (Evolution A), R513A (//assets.danfoss.com/documents/180973/AI281854324000501.xls) AI281854324280en-000501
Data sheet	Multiple	English	Polynomial coefficients MLZ (Evolution B), R454C (//assets.danfoss.com/documents/197390/AI406560674000101.xls) AI406560674864en-000101

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1 / 76

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Certificates



Document Type	Country	Language	Title
EU-UK Declaration	Multiple	English	Danfoss EU-UK 8555012 AH (//assets.danfoss.com/approvals/282110/ID36593540901.pdf) ID365935439474-0901 307 KB
Manufacturer's Declaration	Multiple	English	Danfoss MD 8555014 AB (//assets.danfoss.com/approvals/204110/ID36594680301.pdf) ID365946860740-0301 894 KB

			Title
Manufacturer's Declaration	Multiple	English	Danfoss MD 8555016 AB (//assets.danfoss.com/approvals/204113/ID36594680301.pdf) ID365946861741-0301 1135 KB
Manufacturer's Declaration	Multiple	English	Danfoss MD 8555030 AC (//assets.danfoss.com/approvals/199845/ID36594680401.pdf) ID365946865744-0401 656 KB
Manufacturer's Declaration	Multiple	English	Danfoss MD 8555038 AA (//assets.danfoss.com/approvals/185317/ID38194850101.pdf) ID381948536328-0101 384 KB
Mechanical Safety Certificate	Multiple	English	UL SA11565 (//assets.danfoss.com/approvals/190794/ID36604090201.pdf) ID366040914096-0201 154 KB
Pressure Safety Certificate	Multiple	English	BV CE-0062-PED-D1-DAN 001-22-CHN Rev. A (//assets.danfoss.com/approvals/211363/ID42333510201.pdf) ID423335188709-0201 1339 KB
Pressure Safety Certificate	Multiple	English	BV UKCA-0041-PESR-D1-DAN 001-22-CHN (//assets.danfoss.com/approvals/211364/ID41893810201.pdf) ID418938148540-0201 1139 KB
EAC Declaration	Australia	Kazakh	EAC KZ 7100841.13.12.01258 (//assets.danfoss.com/approvals/231499/ID43864880101.pdf) ID438648819811-0101 769 KB

			Title
EAC Declaration	Australia	Russian	EAC RU Д-DK.PA01.B.31063_20 (//assets.danfoss.com/approvals/162603/ID37083880101.pdf) ID370838887069-0101 1563 KB

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Visuals

Visuals	Document Category	Title	Download
	Drawing	MLZ015 MLZ019 MLZ021 MLZ026 - 8590030 - version B	› ID406556477856-0301.jpg (//assets.danfoss.com/drawings/197734/ID406556477856-0301.jpg)
	Drawing	121L_LP9_version	› ID354746498230-0101.jpg (//assets.danfoss.com/drawings/150456/ID354746498230-0101.jpg)

Visuals	Document Category	Title	Download
	Drawing	MLZ015 MLZ019 MLZ021 MLZ026 - 8590030 - PDF	› ID406556484858-0101.dwg (//assets.danfoss.com/drawings/197368/ID406556484858-0101.dwg) › ID406556481857-0101.pdf (//assets.danfoss.com/drawings/197369/ID406556481857-0101.pdf) › ID406556487859-0101.stp (//assets.danfoss.com/drawings/197373/ID406556487859-0101.stp) › ID406556473855-0101.igs (//assets.danfoss.com/drawings/197386/ID406556473855-0101.igs)



Accessories



(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Solder-sleeve-adapter-set/p/120Z0126)

120Z0126

› Connector, Solder sleeve adapter set

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Solder-sleeve-adapter-set/p/120Z0126)

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

Where to buy

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8153007

› Stecker, Löthülse

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Solder-sleeve/p/8153007)

Löthülse, P06 (1" Rotolock, 1/2" ODF)

Wo zu kaufen

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8153008

› Stecker, Löthülse

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Löthülse, P04 (1-1/4" Rotolock, 3/4" ODF)

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(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Gasket/p/8156009)
8156009

› Stecker, Dichtung

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Gasket/p/8156009)

Dichtungssatz, 1", 1-1/4", 1-3/4", OSG-Dichtungen schwarz und weiß

Wo zu kaufen

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8156130

› Stecker, Dichtung

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Dichtung, 1"

Wo zu kaufen

+ Zur Vergleichsliste hinzufügen

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8156131

› Stecker, Dichtung

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Dichtung, 1-1/4"

Wo zu kaufen

+ Zur Vergleichsliste hinzufügen

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Ersatzteile



(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Rotolock-service-valve/p/8168029)

8168029

› Anschlussstück, Rotolock-Serviceventil

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Rotolock-service-valve/p/8168029)

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

Wo zu kaufen

+ Zur Vergleichsliste hinzufügen

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(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Heater%2C-Belt-heater/p/120Z0895)

120Z0895

› Heizung, Bandheizung

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Heater%2C-Belt-heater/p/120Z0895)

Riemenkurbelgehäuseheizung, 60 W, 240 V

Wo zu kaufen

+ Zur Vergleichsliste hinzufügen

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8168031

› Anschlussstück, Rotolock-Serviceventil

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Rotolock-service-valve/p/8168031)

Rotolock-Ventil, V06 (1" Rotolock, 1/2" ODF)

Wo zu kaufen

+ Zur Vergleichsliste hinzufügen

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120Z0890

› Heizung, Bandheizung

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Heater%2C-Belt-heater/p/120Z0890)

Riemenkurbelgehäuseheizung, 40 W, 400/460 V

Wo zu kaufen

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120Z0893

› Heizung, Bandheizung

(/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Heater%2C-Belt-heater/p/120Z0893)

Riemenkurbelgehäuseheizung, 65 W, 400/460 V

Wo zu kaufen

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