

**123B2131** **Reciprocating compressor, MX21FG**

This product has been discontinued.

We have a replacement. 

Refrigerants: R404A, Segment usage: Refrigeration LT, Compressor power supply
[V]: 220/1/50 220/1/60

PRODUCT DETAILS

Gross weight	16.5 Kg
Net weight	16.2 Kg
Volume	17.4 Liter
EAN	5702428584418
Applications	LBP
Approval	UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	5.76
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	220/1/50 220/1/60
Configuration code	Single
Description	MX21FG
Discharge connection angle [°]	0 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	6.5 mm
Discharge connection height [mm]	98 mm
Discharge connection material	Cu-plated steel
Economizer	No
Family	X
Frequency [Hz]	50/60
Height from baseplate [mm]	221 mm
High value of nominal voltage at 50Hz [V]	220 V
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
Low value of nominal voltage at 50Hz [V]	200 V
Low value of nominal voltage at 60Hz [V]	220 V

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PRODUCT DETAILS

Low value of voltage range at 50Hz [V]	170 V
Low value of voltage range at 60Hz [V]	187 V
Main winding resistance for single-phase compressors [Ohm]	1.84
MCC	7.30 A
Model number	MX21FG
Motor type	CSR
No. of phases (compressor)	1
Oil quantity [cm3]	650 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	30 °
Process connection comments	Rubber plug
Process connection diameter [mm]	9.7 mm
Process connection material	Cu-plated steel
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor X
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	1.4 kg
Refrigerants	R404A
Rotational speed at 50Hz [rpm]	3000 rpm
Rotational speed at 60Hz [rpm]	3600 rpm
Run capacitor capacitance	20 µF
Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
Suction connection angle [°]	30 °
Suction connection diameter [mm]	9.7 mm
Suction connection height [mm]	103 mm
Suction connection material	Cu-plated steel
Swept volume [cm3]	20.72 cm ³
Technology	Reciprocating
Total height [mm]	230 mm
Type	MX21
Voltage 50Hz [V]	200 V
Voltage 50Hz [V] [Max]	220 V
Voltage 60Hz [V]	220 V
Voltage 60Hz [V] [Max]	230 V
Winding temperature short term [°F] [Max]	135 °C
Winding temperature stat [°C] [Max]	115 °C
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

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

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Accessories

**123B9156** [🔗](#)**Electrical component, Relay**

Tension Relay 9005

**123B9707** [🔗](#)**Electrical component, Terminal box cover**

Plastic Cover, UL

**123B9906** [🔗](#)**Mounting, Mounting kit**

Mounting Accessories X - CSR

Spare Parts

**123B9701** [🔗](#)**Electrical component, Cable**

Cord Anchorage

**123B9472** [🔗](#)**Electrical component, Motor protector**

Protector 9-549

**123B9208** [🔗](#)**Electrical component, Run capacitor**

Run Capacitor 20µf/450V

**123B9302** [🔗](#)**Electrical component, Start capacitor**

Starting Capacitor 72-88µf/330V

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Replacement

**123B2186** [🔗](#)**Reciprocating compressor, MX21FGa**

Refrigerants: R404A, Segment usage: Refrigeration LT, Compressor power supply [V]: 230/1/50 230/1/60

This material is the replacement for the selected customer exclusive material.

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