

**123B2541** **Reciprocating compressor, MX18TGa**

Refrigerants: R404A, Segment usage: Refrigeration MT, Compressor power supply

[V]: 230/1/50 230/1/60

**PRODUCT DETAILS**

Gross weight	16.5 Kg
Net weight	16.2 Kg
Volume	17.4 Liter
EAN	5702428584234
Applications	HBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	7.22
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	230/1/50 230/1/60
Configuration code	Single
Cut in current HST 50Hz [A]	31.5 A
Cut in current HST 60Hz [A]	30.5 A
Cut in current HST [A]	31.5 A
Description	MX18TGa
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	Copper
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

## Product Detail | Reciprocating compressor, MX18TGa

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Low value of nominal voltage at 50Hz [V]	200 V
Low value of nominal voltage at 60Hz [V]	220 V
Low value of voltage range at 50Hz [V]	170 V
Low value of voltage range at 60Hz [V]	187 V
LRA HST 50Hz [A]	31.5 A
LRA HST 60Hz [A]	30.5 A
LRA HST [A]	31.5 A
Main winding resistance for single-phase compressors [Ohm]	2.34
MCC	10.50 A
Model number	MX18TGa
Motor type	CSR
No. of phases (compressor)	1
Oil quantity [cm <sup>3</sup> ]	500 cm <sup>3</sup>
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	Copper
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 MT
Speed Platform	Fixed-speed
Start capacitor capacitance	88-108 µF
Suction connection angle [°]	30 °
Suction connection diameter [mm]	9.7 mm
Suction connection height [mm]	103 mm
Suction connection material	Copper
Swept volume [cm <sup>3</sup> ]	18.4 cm <sup>3</sup>
Technology	Reciprocating
Total height [mm]	230 mm
Type	MX18
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

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## Product Detail | Reciprocating compressor, MX18TGa

## PRODUCT DETAILS

## Proposition 65

WARNING: Cancer and Reproductive  
Harm  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

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

## Accessories

**123B9159** [🔗](#)**Electrical component, Relay**

Relay + Con. Board R.1180

**123B9703** [🔗](#)**Electrical component, Capacitor holder**

Starting Cap. Bracket: Height 95

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

Plastic Cover, UL

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

Mounting Accessories X - CSR

## Spare Parts

**123B9215** [🔗](#)**Electrical component, Run capacitor**

Run Capacitor 20µf/420V

**123B9304** [🔗](#)**Electrical component, Start capacitor**

Starting Capacitor 88-108µf/330V

**123B9496** [🔗](#)**Electrical component, Motor protector**

Protector 9-557

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**Spare Parts**

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**123B9701** **Electrical component, Cable**Cord Anchorage

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