

**123B2532** **Reciprocating compressor, MLT12RG**

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

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

**PRODUCT DETAILS**

<b>Gross weight</b>	10.7 Kg
<b>Net weight</b>	10.4 Kg
<b>Volume</b>	12 Liter
<b>EAN</b>	5702424673994
<b>Applications</b>	HBP MBP
<b>Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]</b>	7.59
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Black
<b>Compressor power supply [V]</b>	230/1/50 230/1/60
<b>Configuration code</b>	Single
<b>Cut in current HST 50Hz [A]</b>	22.5 A
<b>Cut in current HST 60Hz [A]</b>	22.5 A
<b>Cut in current HST [A]</b>	22.5 A
<b>Description</b>	MLT12RG
<b>Discharge connection angle [°]</b>	0 °
<b>Discharge connection comments</b>	Rubber plug
<b>Discharge connection diameter [mm]</b>	6.5 mm
<b>Discharge connection height [mm]</b>	121 mm
<b>Discharge connection material</b>	Copper
<b>Economizer</b>	No
<b>Family</b>	L
<b>Frequency [Hz]</b>	50/60
<b>Height from baseplate [mm]</b>	198 mm
<b>High value of nominal voltage at 50Hz [V]</b>	220 V
<b>High value of nominal voltage at 60Hz [V]</b>	230 V
<b>High value of voltage range at 50Hz [V]</b>	242 V
<b>High value of voltage range at 60Hz [V]</b>	253 V
<b>In scope of WEEE and contain batteries</b>	No

## Product Detail | Reciprocating compressor, MLT12RG

## PRODUCT DETAILS

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]	22.5 A
LRA HST 60Hz [A]	22.5 A
LRA HST [A]	225 A
Main winding resistance for single-phase compressors [Ohm]	2.87
MCC	6.30 A
Model number	MLT12RG
Motor type	CSR
No. of phases (compressor)	1
Oil quantity [cm <sup>3</sup> ]	400 cm <sup>3</sup>
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	50 °
Process connection comments	Rubber plug
Process connection diameter [mm]	8.1 mm
Process connection material	Copper
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor L
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	1.15 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	72-88 µF
Suction connection angle [°]	20 °
Suction connection diameter [mm]	8.1 mm
Suction connection height [mm]	125 mm
Suction connection material	Copper
Swept volume [cm <sup>3</sup> ]	10.7 cm <sup>3</sup>
Technology	Reciprocating
Total height [mm]	205 mm
Type	MLT12
Voltage 50Hz [V]	200 V
Voltage 50Hz [V] [Max]	220 V
Voltage 60Hz [V]	230 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 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

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

Starting Cap. Bracket: Height 95

**123B9901** [↗](#)**Mounting, Mounting kit**

Mounting Accessories 16mm

## Spare Parts

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

Run Capacitor 20µf/420V

**123B9316** [↗](#)**Electrical component, Start capacitor**

Starting Cap. 72-88µf/330V+Cover+Cable

**123B9489** [↗](#)**Electrical component, Motor protector**

Protector 9-555

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

Cord Anchorage

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