

**195B0008****Reciprocating compressor, TL4G**

Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT;  
Refrigeration MT, Compressor power supply [V/Ph/Hz]: 220/1/50 220/1/60

**PRODUCT DETAILS**

<b>Gross weight</b>	8.24 kg
<b>Net weight</b>	8.24 kg
<b>Application energy level</b>	Universal
<b>Applications</b>	HBP LBP MBP
<b>Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]</b>	1510 Ohm
<b>Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]</b>	15.1 Ohm
<b>Base plate type</b>	EU small
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Colour</b>	Black
<b>Compressor power supply [V/Ph/Hz]</b>	220/1/50 220/1/60
<b>Configuration code</b>	Single
<b>Cut in current HST [A]</b>	5.1 A
<b>Cut in current HST alt [A]</b>	5.1 A
<b>Cut in current LST [A]</b>	8.6 A
<b>Cut in current LST alt [A]</b>	8.6 A
<b>Description</b>	TL4G
<b>Discharge connection angle [°]</b>	28 °
<b>Discharge connection comments</b>	Rubber plug
<b>Discharge connection diameter [mm]</b>	5 mm
<b>Discharge connection material</b>	Copper
<b>Economizer</b>	No
<b>Free gas volume [cm<sup>3</sup>]</b>	1690 cm <sup>3</sup>
<b>Frequency [Hz]</b>	50/60
<b>Height from baseplate [mm]</b>	159 mm
<b>High value of nominal voltage at 50Hz [V]</b>	240 V
<b>High value of nominal voltage at 60Hz [V]</b>	240 V
<b>High value of voltage range at 50Hz [V]</b>	255 V

## Product Detail | Reciprocating compressor, TL4G

## PRODUCT DETAILS

High value of voltage range at 60Hz [V]	255 V
Length [mm]	222 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of nominal voltage at 60Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
Low value of voltage range at 60Hz [V]	187 V
LRA HST 60Hz [A]	5.1 A
LRA HST [A]	5.1 A
LRA HST alt [A]	5.1 A
LRA LST [A]	4.3 A
LRA LST alt [A]	4.3 A
Main winding resistance for single-phase compressors [Ohm]	18.2 Ohm
Main winding resistance for single-phase compressors alt [Ohm]	18.2 Ohm
Model number	TL4G
Motor type	CSIR RSIR
No. of phases (compressor)	1
Nominal cooling capacity 60 kBTU/h	1.34 kBTU/h
Nominal cooling capacity at 60Hz	0.4 kW
Oil quantity [cm <sup>3</sup> ]	280 cm <sup>3</sup>
Oil type	POE
Packing format	Single pack
Packing quantity	1
Phase	1
Process connection angle [°]	32 °
Process connection comments	Rubber plug
Process connection diameter [mm]	6.2 mm
Process connection material	Copper
Refrigerant	R134a
Refrigerant charge [kg] [Max]	0.4 kg
RLA	0.90 A
Rotational speed at 50Hz [rpm]	3000 rpm
Rotational speed at 60Hz [rpm]	3600 rpm
Segment usage	Refrigeration LT Refrigeration MT Refrigeration HT
Start capacitor capacitance	60 µF
Suction connection angle [°]	30 °
Suction connection comments	Rubber plug
Suction connection diameter [mm]	6.2 mm
Suction connection material	Copper
Swept volume [cm <sup>3</sup> ]	3.86 cm <sup>3</sup>
Technology	Reciprocating

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**Product Detail | Reciprocating compressor, TL4G**
**PRODUCT DETAILS**

<b>Total height [mm]</b>	163 mm
<b>Type</b>	TL
<b>Type designation</b>	Compressor
<b>Voltage 50Hz [V]</b>	220 V
<b>Voltage 50Hz [V] [Max]</b>	240 V
<b>Voltage 60Hz [V]</b>	220 V
<b>Voltage 60Hz [V] [Max]</b>	240 V
<b>Width [mm]</b>	157 mm
<b>Winding temperature short term [°C] [Max]</b>	135 °C
<b>Winding temperature stat [°C] [Max]</b>	125 °C

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**Accessories**

**102G4452** [↗](#)
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**117U6004** [↗](#)
**RELAY ASSY. - DROP-OUT NOM. 2.24A**

RELAY ASSY. - DROP-OUT NOM. 2.24A

Image coming soon

**117U5014** [↗](#)
**Start capacitor**

Start capacitor 60µF, 220V - PL,TL

Image coming soon

**103N2010** [↗](#)
**Accessory**

COVER TL,NL,FR-220V


**118-1917** [↗](#)
**MOUNTING ACCESSORIES**

MOUNTING ACCESSORIES

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