



195B0011 [↗](#)

Reciprocating compressor, TL5G

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

PRODUCT DETAILS

Gross weight	8.19 kg
Net weight	8.19 kg
EAN	5702428583770
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	1480 Ohm
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	14.8 Ohm
Base plate type	EU small
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220/1/50 220/1/60
Configuration code	Single
Cut in current HST [A]	5.7 A
Cut in current HST alt [A]	5.7 A
Cut in current LST [A]	9.7 A
Cut in current LST alt [A]	9.7 A
Description	TL5G
Discharge connection angle [°]	28 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	5 mm
Discharge connection material	Copper
Economizer	No
Free gas volume [cm³]	1690 cm ³
Frequency [Hz]	50/60
Height from baseplate [mm]	159 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of nominal voltage at 60Hz [V]	240 V

Product Detail | Reciprocating compressor, TL5G

PRODUCT DETAILS

High value of voltage range at 50Hz [V]	255 V
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]	5.7 A
LRA HST [A]	5.7 A
LRA HST alt [A]	5.7 A
LRA LST [A]	5.4 A
LRA LST alt [A]	5.4 A
Main winding resistance for single-phase compressors [Ohm]	14.5 Ohm
Main winding resistance for single-phase compressors alt [Ohm]	14.5 Ohm
Model number	TL5G
Motor type	CSIR RSIR
No. of phases (compressor)	1
Oil quantity [cm ³]	280 cm ³
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	1.10 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 ³]	5.08 cm ³
Technology	Reciprocating
Total height [mm]	163 mm

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Product Detail | Reciprocating compressor, TL5G

PRODUCT DETAILS

Type	TL
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Voltage 60Hz [V]	220 V
Voltage 60Hz [V] [Max]	240 V
Width [mm]	157 mm
Winding temperature short term [°C] [Max]	135 °C
Winding temperature stat [°C] [Max]	125 °C

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117U6000 [🔗](#)
Starting Relay NL
Starting Relay NL

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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Spare Parts



102G4550 [🔗](#)

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Compressor power supply [V/Ph/Hz]: 220/1/50 220/1/60

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