

**195B0006****Reciprocating compressor, TL3G**

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	7.39 kg
Net weight	7.39 kg
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	15.8 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]	4.9 A
Cut in current LST [A]	8.3 A
Description	TL3G
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]	1500 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
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

Product Detail | Reciprocating compressor, TL3G

PRODUCT DETAILS

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]	4.8 A
LRA HST [A]	4.8 A
LRA LST [A]	3.4 A
Main winding resistance for single-phase compressors [Ohm]	24.6 Ohm
Model number	TL3G
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	0.80 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]	3.13 cm ³
Technology	Reciprocating
Total height [mm]	163 mm
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

PRODUCT DETAILS

Winding temperature stat [°C] [Max]	125 °C
--	--------

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

Accessories



117U6009 [↗](#)
RELAY ASSY. - DROP-OUT NOM. 1.60A
RELAY ASSY. - DROP-OUT NOM. 1.60A

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

Spare Parts



102G4350 [↗](#)
Reciprocating compressor, TL3G
Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT; Refrigeration MT, Compressor
power supply [V/Ph/Hz]: 220/1/50 220/1/60

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.