

**195B0012****Reciprocating compressor, TLS6F**

Refrigerant: R134a, Segment usage: Refrigeration LT, Compressor power supply  
[V/Ph/Hz]: 220-240/1/50

**PRODUCT DETAILS**

<b>Gross weight</b>	8 kg
<b>Net weight</b>	8 kg
<b>Application energy level</b>	Standard
<b>Applications</b>	LBP
<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>	17 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>	220-240/1/50
<b>Configuration code</b>	Single
<b>Cut in current HST [A]</b>	5.8 A
<b>Cut in current LST [A]</b>	8.7 A
<b>Description</b>	TLS6F
<b>Discharge connection angle [°]</b>	28 °
<b>Discharge connection comments</b>	Al-cap
<b>Discharge connection diameter [mm]</b>	5 mm
<b>Discharge connection material</b>	Cu-plated steel
<b>Economizer</b>	No
<b>Free gas volume [cm<sup>3</sup>]</b>	1790 cm <sup>3</sup>
<b>Frequency [Hz]</b>	50
<b>Height from baseplate [mm]</b>	169 mm
<b>High value of nominal voltage at 50Hz [V]</b>	240 V
<b>High value of voltage range at 50Hz [V]</b>	255 V
<b>Length [mm]</b>	222 mm
<b>Liquid injection</b>	No
<b>Low value of nominal voltage at 50Hz [V]</b>	220 V
<b>Low value of voltage range at 50Hz [V]</b>	187 V

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## Product Detail | Reciprocating compressor, TLS6F

## PRODUCT DETAILS

LRA HST 60Hz [A]	5.8 A
LRA HST [A]	5.8 A
LRA LST [A]	4.8 A
Main winding resistance for single-phase compressors [Ohm]	16 Ohm
Main winding resistance for single-phase compressors alt [Ohm]	18.2 Ohm
Model number	TLS6F
Motor type	CSIR RSIR
No. of phases (compressor)	1
Oil quantity [cm <sup>3</sup> ]	180 cm <sup>3</sup>
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	32 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R134a
Refrigerant charge [kg] [Max]	0.4 kg
RLA	1.00 A
Rotational speed at 50Hz [rpm]	3000 rpm
Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
Start capacitor capacitance	60 µF
Suction connection angle [°]	30 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection material	Cu-plated steel
Swept volume [cm <sup>3</sup> ]	5.7 cm <sup>3</sup>
Technology	Reciprocating
Total height [mm]	173 mm
Type	TL
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Width [mm]	157 mm
Winding temperature short term [°C] [Max]	135 °C
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 [🔗](#)

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## Accessories

Image  
coming  
soon

**103N0011** [🔗](#)

**PTC STARTER 220V 25ohm type S-III 6,3mm**

PTC STARTER 220V 25ohm type S-III 6,3mm

Image  
coming  
soon

**103N2010** [🔗](#)

**Accessory**

COVER TL,NL,FR-220V



**118-1917** [🔗](#)

**MOUNTING ACCESSORIES**

MOUNTING ACCESSORIES

## Spare Parts



**102G4620** [🔗](#)

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