

**195B0043** [🔗](#)**Reciprocating compressor, SC10G**

Refrigerant: R134a, Segment usage: Refrigeration LT; Refrigeration MT

**PRODUCT DETAILS**

<b>Gross weight</b>	12.68 kg
<b>Net weight</b>	12.68 kg
<b>EAN</b>	5702428583701
<b>Application energy level</b>	Universal compressor
<b>Applications</b>	HBP LBP MBP
<b>Approval standard</b>	CCC CE EN 60335-2-34 with Annex AA
<b>Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]</b>	13.6 Ohm
<b>Base plate type</b>	Universal
<b>Brand technique</b>	Reciprocating compressor
<b>Capacity control</b>	Fixed speed
<b>Capacity of capacitor B</b>	80 uF
<b>Colour</b>	Black
<b>Configuration code</b>	Single
<b>Cut in current HST [A]</b>	11.2 A
<b>Cut in current LST [A]</b>	15 A
<b>Description</b>	SC10G
<b>Discharge connection angle [°]</b>	37 °
<b>Discharge connection comments</b>	Al-cap
<b>Discharge connection diameter [mm]</b>	6.2 mm
<b>Discharge connection height [mm]</b>	90 mm
<b>Discharge connection material</b>	Cu-plated steel
<b>Drawing number</b>	8258
<b>Economizer</b>	No
<b>Free gas volume [cm<sup>3</sup>]</b>	1510 cm <sup>3</sup>
<b>Frequency [Hz]</b>	50/60
<b>Height from baseplate [mm]</b>	193 mm
<b>High value of nominal voltage at 50Hz [V]</b>	230 V
<b>High value of nominal voltage at 60Hz [V]</b>	230 V
<b>High value of voltage range at 50Hz [V]</b>	254 V

## Product Detail | Reciprocating compressor, SC10G

## PRODUCT DETAILS

High value of voltage range at 60Hz [V]	254 V
Low value of nominal voltage at 50Hz [V]	208 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]	198 V
LRA HST [A]	11.2 A
Main winding resistance for single-phase compressors [Ohm]	7.9 Ohm
Model number	SC10G
Motor type	CSIR RSIR
No. of phases (compressor)	1
Nominal cooling capacity 60 kBTU/h	4.71 kBTU/h
Nominal cooling capacity at 60Hz	1.4 kW
Oil charge [L]	550 L
Oil quantity [cm <sup>3</sup> ]	550 cm <sup>3</sup>
Oil type	POE
Packing format	Single pack
Packing quantity	1
Packing type single pack	Single pack code number
Phase	1
Process connection angle [°]	37 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R134a
Refrigerant charge [kg] [Max]	1.3 kg
RLA	2.1 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Refrigeration LT Refrigeration MT
Suction connection angle [°]	37 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	8.2 mm
Suction connection height [mm]	173 mm
Suction connection material	Cu-plated steel
Swept volume [cm <sup>3</sup> ]	10.29 cm <sup>3</sup>
Technology	Reciprocating
Total height [mm]	199 mm
Type	SC
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

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.

**Product Detail | Reciprocating compressor, SC10G****PRODUCT DETAILS**

<b>Winding temperature short term [°C] [Max]</b>	135 °C
<b>Winding temperature stat [°C] [Max]</b>	125 °C

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

**Accessories**

**117U6002** [↗](#)  
**Starting Relay NL/SC**  
Starting Relay NL/SC

Image  
coming  
soon

**117U5017** [↗](#)  
**Start capacitor**  
START CAPACITOR 80µF, 220V - SC

Image  
coming  
soon

**103N2009** [↗](#)  
**Accessory**  
COVER SC-220V

Image  
coming  
soon

**103N1004** [↗](#)  
**Accessory**  
CORD RELIEF SC EU/UL



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

**Spare Parts**

**104G8000** [↗](#)  
**Reciprocating compressor, SC10G**  
Refrigerant: R134a; R513A, 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.