

**195B0636** [↗](#)**Reciprocating compressor, SC21G**

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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	15.16 kg
Net weight	14.93 kg
EAN	5702428980616
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	12.9 Ohm
Base plate type	Universal
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]	22.1 A
Description	SC21G
Discharge connection angle [°]	37 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	6.2 mm
Discharge connection height [mm]	100 mm
Discharge connection material	Copper
Economizer	No
Free gas volume [cm³]	1460 cm ³
Frequency [Hz]	50/60
Height from baseplate [mm]	203 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]	255 mm
Liquid injection	No

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Product Detail | Reciprocating compressor, SC21G

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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]	22.1 A
LRA HST [A]	22.1 A
Main winding resistance for single-phase compressors [Ohm]	3.5 Ohm
Model number	SC21G
Motor type	CSR
No. of phases (compressor)	1
Oil quantity [cm ³]	550 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Phase	1
Process connection angle [°]	37 °
Process connection comments	Rubber plug
Process connection diameter [mm]	6.2 mm
Process connection height [mm]	183 mm
Process connection material	Copper
Refrigerant	R134a
Refrigerant charge [kg] [Max]	1.3 kg
RLA	3.90 A
Rotational speed at 50Hz [rpm]	3000 rpm
Rotational speed at 60Hz [rpm]	3600 rpm
Run capacitor capacitance	10 µF
Segment usage	Refrigeration LT Refrigeration MT Refrigeration HT
Start capacitor capacitance	80 µF
Suction connection angle [°]	37 °
Suction connection comments	Rubber plug
Suction connection diameter [mm]	10.2 mm
Suction connection height [mm]	183 mm
Suction connection material	Copper
Swept volume [cm ³]	20.95 cm ³
Technology	Reciprocating
Total height [mm]	209 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
Width [mm]	151 mm
Winding temperature short term [°C] [Max]	135 °C

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**PRODUCT DETAILS**

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

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