

**195B0050****Reciprocating compressor, SC12G**

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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	13.32 kg
Net weight	13.32 kg
EAN	5702428583695
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	10.9 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]	12.5 A
Cut in current LST [A]	17.4 A
Description	SC12G
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]	1510 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

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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]	12.5 A
LRA HST [A]	12.5 A
LRA LST [A]	12.5 A
Main winding resistance for single-phase compressors [Ohm]	6.9 Ohm
Model number	SC12G
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 quantity [cm ³]	500 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	2.50 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	80 µF
Suction connection angle [°]	37 °
Suction connection comments	Rubber plug
Suction connection diameter [mm]	8.2 mm
Suction connection height [mm]	183 mm
Suction connection material	Copper
Swept volume [cm ³]	12.87 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

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Voltage 60Hz [V]	220 V
Voltage 60Hz [V] [Max]	240 V
Width [mm]	151 mm
Winding temperature short term [°C] [Max]	135 °C
Winding temperature stat [°C] [Max]	125 °C

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