

3/4HP (+Big, Cappacitor 10μF), CSR, Danfos , secop refrigerator freezer, r134a, compressor, SC21G , 104G8140 , 230 V 60Hz ,LBP / HBP, 21.8 A

Category: compressor

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Refrigerants: R134a

[Mbsm_dot_pro_private_PDF_SC21G](#)Télécharger

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Gross weight	13.77 Kg
Net weight	13.77 Kg
Oil	P0E
Height total [mm]	219 mm
Applications	BPH LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	12.9 Ohm
Amount of oil	600 cm3
Ability of the capacitor To	10 μF
Capacity of capacitor B	80 uF
Capacity control	Fixed speed
Refrigerant charge [kg] [Max]	1.3 kg
Color	Black
Comments on the suction connection	Cover of The
Comments on the discharge connection	Cover of The
Comments on the process connection	Cover of The
Current connection HST [A]	22.1
Configuration code	Individual
Description	SC21G
Description	SC
Discharge connection height [mm]	110 mm
Diameter of the suction connection [mm]	10.2 mm
Diameter discharge connection [mm]	6.2 mm
Economizer	Not
Packaging format	Industrial package
Frequency [Hz]	50/60
Height from baseplate [mm]	213 mm
LRA HST [A]	22.1
Material of the discharge connection	Steel-plated Cu
Material of the process connection	Steel-plated Cu

Merged Approval standard and	CCC CE en 60335-2-34 with Annex AA
N. ° of phases (compressor)	One
N. ° of phases (fan)	One
Energy level of the application	Compressor universal
Number of scheme	Eight thousand two hundred fifty seven
Model number	SC21G
Oil charge [L]	600 L
Phase	One
Process connection diameter [mm]	6.2 mm
Refrigerants	R134a
Resistance of the primary winding for compressors in single-phase [Ohm]	3.5 Ohm
RLA	3.9 To
Run capacitor capacitance	10 µF
Start capacitor capacitance	80 µF
Suction connection height [mm]	193 mm
Swept volume [cm3]	20.95 cm3
Technology	Alternative
Temperature of the winding, the short-term [°C] [Max]	135 °C
Winding temperature, stable [°C] [Max]	125 °C
Voltage 60 Hz [V] [max.]	240 V
Voltage, 50 Hz [V]	220 V
Voltage, 50 Hz [V] [max.]	240 V
Voltage, 60 Hz [V]	220 V
Engine type	CSR
Type of motherboard	Universal
Type designation	Compressor
Technique of the brand	Reciprocating compressors, type
Units of packing	Eighty
Use of segment	Refrigeration LT Refrigeration MT
High value of nominal voltage at 50 Hz [V]	230 V
High value of the nominal voltage at 60 Hz [V]	230 V
High value of voltage range at 50hz [V]	254 V
High value of the voltage range at 60 Hz [V]	254 V
Low value of the rated voltage at 50 Hz [V]	208 V
Low value of the nominal voltage at 60 Hz [V]	220 V
Low value of voltage range at 50hz [V]	187 V
Low value of the voltage range at 60 Hz [V]	198 V
Rotation speed at 50 Hz [rpm]	2900 rpm
Rotation speed at 60 Hz [rpm]	3500 rpm
Volume of free gas [cm3]	1460 cm3
Angle of the connection suction [°]	37 °

Angle of the discharge connection [°] 37 °

Angle of the connection process 37 °

Compressor Danfoss Secop SC21G, SC21GX, 104G8143, LBP / HBP – R134a,
220-240V/1/50/60/ Hz, discharge 20.95 cm³, motor type CSR, oil type POE, oil
charge 550 cm³, 333 W at -25 / 55° C, LRA 21.8 A, maximum refrigerant charge
1300 g, height: 219 mm, weight 13.5 kg

Refrigerant:	R134a
Power range(W):	301 – 400 W 501 – 700 W
Performance range (C):	-35 C to +15 C
Working area:	HBP LBP
Design type:	Hermetic
Model series:	SC
Power supply:	230 V
Oil type:	POE
Engine type:	CSR
Article condition:	New
Info:	Oil filled
Shipping weight:	15,50 Kg
Contents:	1,00 Pieces
Dimensions (height):	21,90 cm
Cooling capacity condition:	T0 -15 C
Manufacturer:	Danfoss Secop
Model:	SC21G
Modelname:	104L8140
Modellname 3:	SC21GX
Stroke volume (cm ³):	20,95
Performance condition:	-25 / +55 °C
Power (W):	333
Cooling capacity (W):	606
Max. Starting current (A):	21,8
Engine type:	CSR
Note:	Maximum refrigerant amount 1300 g
Oil quantity (l):	0,55
Compressor type:	Piston
Power range:	-35 C to +15 C
Alternative:	T6215Z



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