

# 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\\_SC21GTélécharger](#)

[Mbsm\\_dot\\_pro\\_private\\_PDF\\_SC21G-1Télécharger](#)

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 [0hm]	12.9 0hm
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 [cm <sup>3</sup> ]	20.95 cm <sup>3</sup>
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

<b>Technique of the brand</b>	Reciprocating compressors, type
<b>Units of packing</b>	Eighty
<b>Use of segment</b>	Refrigeration LT Refrigeration MT
<b>High value of nominal voltage at 50 Hz [V]</b>	230 V
<b>High value of the nominal voltage at 60 Hz [V]</b>	230 V
<b>High value of voltage range at 50hz [V]</b>	254 V
<b>High value of the voltage range at 60 Hz [V]</b>	254 V
<b>Low value of the rated voltage at 50 Hz [V]</b>	208 V
<b>Low value of the nominal voltage at 60 Hz [V]</b>	220 V
<b>Low value of voltage range at 50hz [V]</b>	187 V
<b>Low value of the voltage range at 60 Hz [V]</b>	198 V
<b>Rotation speed at 50 Hz [rpm]</b>	2900 rpm
<b>Rotation speed at 60 Hz [rpm]</b>	3500 rpm
<b>Volume of free gas [cm3]</b>	1460 cm3
<b>Angle of the connection suction [°]</b>	37 °
<b>Angle of the discharge connection [°]</b>	37 °
<b>Angle of the connection process</b>	37 °

Compressor Danfoss Secop SC21G, SC21GX, 104G8143, LBP / HBP – R134a, 220-240V/1/50/60/ Hz, discharge 20.95 cm<sup>3</sup>, motor type CSR, oil type POE, oil charge 550 cm<sup>3</sup>, 333 W at -25 / 55° C, LRA 21.8 A, maximum refrigerant charge 1300 g, height: 219 mm, weight 13.5 kg

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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 <sup>3</sup> ):	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



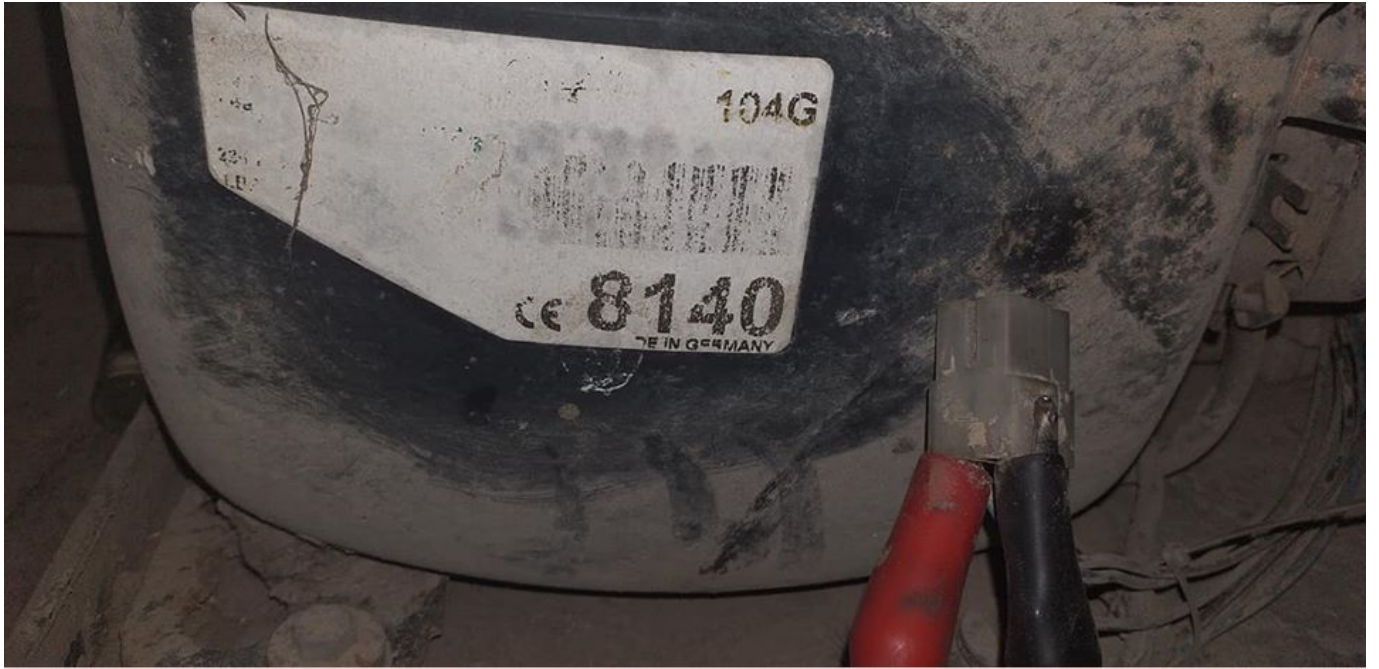
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