Single Packs



Single Pack SC18G 208-230V 60Hz CSCR

Single pack code number: 195B4514

Position	Title	Code	Amount
1	Compressor SC18G	104G8823	1
2	SC starting device (550mm)	117-7029	1
3	Cord relief	103N1004	1
4	Cover	103N2009	1
5	Bolt joint for one compressor M6 ø16mm	118-1917	1

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SC18G Standard Compressor R134a 208-230V 60Hz

General

Code number	104G8823			
Approvals	UL984, KC			
Compressors on pallet	80			

Application

Application		MBP			
Frequency	Hz	50	60		
Evaporating temperature	°C	_	-20 to 10		
Voltage range	V	_	187 - 254		
Max. condensing temperature continuous (short)	°C	_	60 (70)		
Max. winding temperature continuous (short)	°C	_	125 (135)		

Application SC18G SECOP Blue stripe R134a Approvals Barcode on white background Yellow background Country of origin or manufacturer SECOP R134a William Serial number 104G 8823 Made by Secop



Cooling requirements

Frequency	Hz		50			60	
Application		LBP	MBP	HBP	LBP	MBP	HBP
32°C		_	_	_	_	F ₂	_
38°C		_	_	_	_	F ₂	-
43°C		_	_	_	_	F ₂	-
Remarks on application:							

S = Static cooling normally sufficient

= Oil cooling

F₁ = Fan cooling 1.5 m/s (compressor compartment temperature equal to ambient temperature)

F₂ = Fan cooling 3.0 m/s necessary

SG = Suction gas cooling normally sufficent

= not applicable in this area

Motor

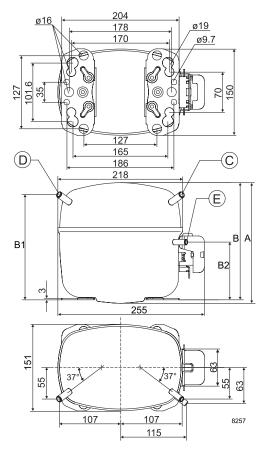
Motor type		C	SR
LRA (rated after 4 sec. UL984), HST LST	Α	21.8	_
Cut in Current, HST LST	Α	21.8	-
Resistance, main start winding (25°C)	Ω	3.5	12.1

Design

Displacement	cm ³	17.69
Oil quantity (type)	cm ³	550 (polyolester)
Maximum refrigerant charge	g	1300
Free gas volume in compressor	cm ³	1460
Weight without electrical equipment	kg	13.7

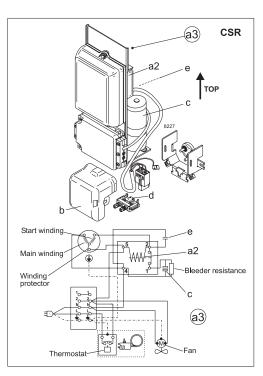
Dimensions

Height	mm	Α	219
		В	213
		В1	19
		B2	110
Suction connector	location/I.D. mm angle	С	10.2 37°
	material comment		Copper Rubber plug
Process connector	location/I.D. mm angle	D	6.5 37°
	material comment		Copper Rubber plug
Discharge connector	location/I.D. mm angle	Е	6.5 37°
	material comment		Copper Rubber plug
Oil cooler connector	location/I.D. mm angle	F	_
	material comment		_
Connector tolerance	I.D. mm		±0.09



EN 12900 Househo	Id (CEC	COMAF	7)	230V,	60Hz, f	an cooli	ing F ₂										
Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W							432	573	745	879	955	1207	1506	1654	1858		
Power cons. in W							393	449	511	554	577	643	708	736	770		
Current cons. in A							1.83	2.14	2.45	2.65	2.75	3.05	3.35	3.48	3.65		
COP in W/W							1.10	1.27	1.46	1.59	1.66	1.88	2.13	2.25	2.41		

ASHRAE MBP				230V,	60Hz, f	an cooli	ng F ₂										
Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W							476	630	820	967	1050	1328	1657	1820	2045		
Power cons. in W							392	449	510	553	575	641	705	733	766		
Current cons. in A							1.84	2.15	2.45	2.65	2.75	3.05	3.34	3.47	3.63		
COP in W/W							1.21	1.40	1.61	1.75	1.83	2.07	2.35	2.48	2.67		

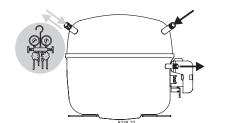


Accessories for	SC18G	Figure	Code number
Continue dovice	550 mm cable length	a3	117-7039
Sarting device	1000 mm cable length	as	117-7043
Cover		b	103N2008
Starting relay		a2	Components
Starting capacitor		С	of starting
Run capacitor		е	device
Cord relief		d	103N1004

Test conditions	EN 12900/CECOMAF	ASHRAE MBP
Condensing temperature	55°C	54.4°C
Ambient temperature	32°C	35°C
Suction gas temperature	32°C	35°C
Liquid temperature	no subcooling	46.1°C

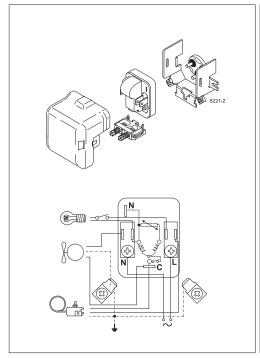
Mounting accessories		Code number
Bolt joint for one comp.	Ø: 16 mm	118-1917
Bolt joint in quantities	Ø: 16 mm	118-1918
Snap-on in quantities	Ø: 16 mm	118-1919

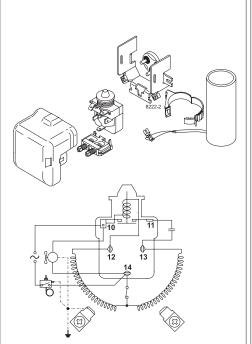
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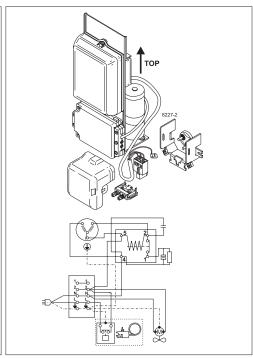


SC Compressors



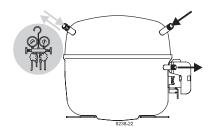






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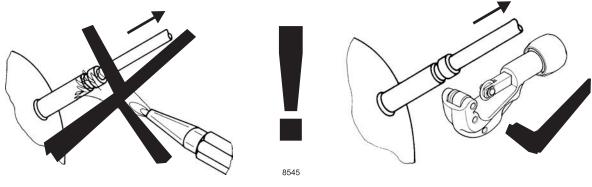


SC Compressors



Service/Repair - R290





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