



SC15MLX MBP Compressor R404A/R507 220-240V 50Hz

General

Code number	104L2869
Approvals	EN 60335-2-34
Compressors on pallet	80

Application

Application		MBP				
Frequency	Hz	50	60			
Evaporating temperature	°C	-23.3 to 7.2	_			
Voltage range	V	198 - 254	_			
Max. condensing temperature continuous (short)	°C	50 (60)	_			
Max. winding temperature continuous (short)	°C	125 (135)	_			

Cooling requirements

Frequency	Hz		50			60	
Application		LBP	МВР	НВР	LBP	MBP	НВР
32°C		_	F ₂	_	_	_	_
38°C		-	F ₂	-	_	-	_
43°C		_	_	_	_	_	_

Remarks on application:

Application SC15ML	SECOP
Lilac stripe	R404A R507
Approvals Barcode on	serial number 104L 2869
white background Yellow background	Made by Secop
Country of origin or manufac	turer

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

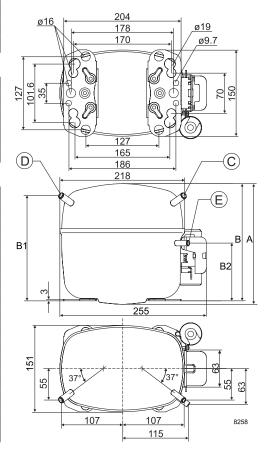
Motor type	CSIR					
LRA (rated after 4 sec. UL984), HST LST	Α	23.5	_			
Cut in Current, HST LST	А	23.5	_			
Resistance, main start winding (25°C)	Ω	3.3	14.0			

Design

Displacement	cm ³	15.28
Oil quantity (type)	cm ³	600 (polyolester)
Maximum refrigerant charge	g	1300
Free gas volume in compressor	cm ³	1460
Weight without electrical equipment	kg	14.0

Dimensions

B B1 B2 gle C ent	
B2 agle C ent	110 10.2 37°
igle C	10.2 37°
ent	<u>'</u>
	Copper Rubber plug
ala D	
igle D	6.2 37°
ent	Copper Rubber plug
igle E	6.2 37°
ent	Copper Rubber plug
igle F	_
ent	_
mm	±0.09
n	ment mm

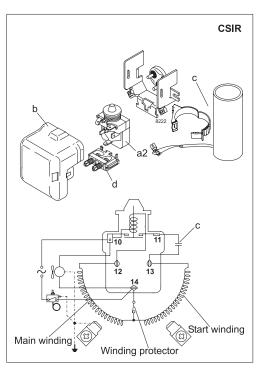


EN 12900 Household (CECOMAF)*	220V, 50Hz, fan cooling F ₂
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Evap. temp. in °C	-45	-40	-35	-30	-25	-23.3	-20	-15	-10	-6.7	-5	0	5	7.2	10	15	20
Capacity in W						710	829	1038	1285	1471	1574	1909	2293	2478			
Power cons. in W						613	654	717	780	822	845	911	979	1010			
Current cons. in A						4.01	4.18	4.44	4.73	4.92	5.03	5.34	5.68	5.83			
COP in W/W						1.16	1.27	1.45	1.65	1.79	1.86	2.10	2.34	2.45			

ASHRAE MBP	220V, 50Hz, fan cooling F ₂
ASITIVAL MIDI	220 V, 301 12, 1att cooling 1 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						650	758	951	1183	1359	1458	1780	2155	2338			
Power cons. in W						637	686	760	835	884	910	986	1064	1100			
Current cons. in A						4.13	4.32	4.62	4.94	5.16	5.28	5.63	6.01	6.18			
COP in W/W						1.02	1.10	1.25	1.42	1.54	1.60	1.80	2.02	2.13			



Accessories for	Figure	Code number	
PTC starting device	6.3 mm spade connectors		_
1 10 starting device	4.8 mm spade connectors	l a1	_
Starting relay	6.3 mm spade connectors	a2	117U6013
Cover		b	103N2009
Start. capacitor 125 µF	6.3 mm spade connectors	С	117U5012
Cord relief		d	103N1004
Protection screen for F	PTC	g	_

	Test conditions	EN 12900/ CECOMAF*	ASHRAE MBP
	Condensing temperature	45°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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