

Mbsm.pro, Compressor, 7/8 HP, R404A, Secop ,Commercial Freezer, Sc21cl, 104L2322, Sc21cl104L2322, 104L2322, 104L 2322, LBP, 2322

Category: compressor

written by Lilianne | 14 February 2022



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Model	Gas	HP	Voltage	Code	Details
SC10C	R22	1/3	1ph/220V-240/50HZ	104L2516	MLBP HST
SC12C	R22	3/8	1ph/220-240V/50HZ	104L2674	MLBP HST
SC15CM	R22	1/2	1ph/220V-240V/50HZ	104L2848	MLBP HST
SC18CM	R22	5/8	1ph/220-240V/50HZ	104L2120	MLBP HST
SC10D	R22	3/8	1ph/220-240V/50HZ	104L2529	MHBP HST
SC12D	R22	1/2	1ph/220-240V/50HZ	104L2694	MHBP HST
SC15D	R22	5/8	1ph/220-240V/50HZ	104L2859	MHBP HST
SC10CL	R404A	1/3	1ph/220-240V/50HZ	104L2523	LMBP HST
SC12CL	R404A	3/8	1ph/220-240V/50HZ	104L2623	LMBP HST
SC15CL	R404a	1/2	1ph/220-240V/50HZ	104L2853	LMBP HST
SC18CL	R404a	5/8	1ph/220V-240V/50HZ	104L2123	LMBP HST
SC21CL	R404a	7/8	1ph/220-240V/50HZ	104L2322	LBP HST
SC10G	R134a	5/16	1ph/220-240V/50HZ	104G8000	LMHBP HST

SC12G R134a 1/3 1ph/220-240V/50HZ 104G8240 LMHBP HST
SC15G R134a 3/8 1ph/220V-240V/50HZ 104G8520 LMHBP HST
SC18G R134a 1/2 1ph/220-240V/50HZ 104G8820 LMHBP HST
SC21G R134a 5/8 1ph/220-240V/50HZ 104G8140 LMHBP HST



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Product details

Gross weight 14.03 kg

Net weight 14.03 kg

Gross weight 14.03 kg

Net weight 14.03 kg

Application energy level

Applications

Auxiliary winding resistance (start winding) for single-phase compressors [0hm]

Auxiliary winding resistance (start winding) for single-phase compressors alt [0hm]

Base plate type

Brand technique

Capacity control

Colour

Compressor power supply [V/Ph/Hz]

Standard LBP

LBP

13.6 Ohm

13.6 Ohm

Universal

Reciprocating compressor

Fixed speed

Black

220-240/1/50

Configuration code	Single
Cut in current HST [A]	23.6 A
Description	SC21CL
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]	1410 cm3
Frequency [Hz]	50
Height from baseplate [mm]	203 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of nominal voltage at 60Hz [V]	0 V
High value of voltage range at 50Hz [V]	264 V
High value of voltage range at 60Hz [V]	0 V
Length [mm]	255 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of nominal voltage at 60Hz [V]	0 V
Low value of voltage range at 50Hz [V]	198 V
Low value of voltage range at 60Hz [V]	0 V
LRA HST 60Hz [A]	23.6 A
LRA HST [A]	23.6 A
Main winding resistance for single-phase compressors [Ohm]	3.3 Ohm
Model number	SC21CL
Motor type	CSR
No. of phases (compressor)	1
No. of phases (fan)	1
Oil quantity [cm3]	550 cm3
Oil type	P0E
Packing format	Industrial pack
Packing quantity	80
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	R404A R507
Refrigerant charge [kg] [Max]	1.3 kg
RLA	4.00 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	0 rpm

Run capacitor capacitance	10 μF
Segment usage	Refrigeration LT
Start capacitor capacitance	80 μF
Suction connection angle [$^{\circ}$]	37 $^{\circ}$
Suction connection comments	Rubber plug
Suction connection diameter [mm]	10.2 mm
Suction connection height [mm]	183 mm
Suction connection material	Copper
Swept volume [cm ³]	20.95 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
Width [mm]	151 mm
Winding temperature short term [$^{\circ}\text{C}$] [Max]	135 $^{\circ}\text{C}$
Winding temperature stat [$^{\circ}\text{C}$] [Max]	125 $^{\circ}\text{C}$

Application energy level	Standard LBP
Applications	LBP
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	13.6 Ohm
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	13.6 Ohm
Base plate type	Universal
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Cut in current HST [A]	23.6 A
Description	SC21CL
Discharge connection angle [$^{\circ}$]	37 $^{\circ}$
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 [cm ³]	1410 cm ³
Frequency [Hz]	50
Height from baseplate [mm]	203 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of nominal voltage at 60Hz [V]	0 V
High value of voltage range at 50Hz [V]	264 V
High value of voltage range at 60Hz [V]	0 V

Length [mm]	255 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of nominal voltage at 60Hz [V]	0 V
Low value of voltage range at 50Hz [V]	198 V
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LRA HST 60Hz [A]	23.6 A
LRA HST [A]	23.6 A
Main winding resistance for single-phase compressors [Ohm]	3.3 Ohm
Model number	SC21CL
Motor type	CSR
No. of phases (compressor)	1
No. of phases (fan)	1
Oil quantity [cm ³]	550 cm ³
Oil type	POE
Packing format	Industrial pack
Packing quantity	80
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	R404A R507
Refrigerant charge [kg] [Max]	1.3 kg
RLA	4.00 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	0 rpm
Run capacitor capacitance	10 µF
Segment usage	Refrigeration LT
Start capacitor capacitance	80 µF
Suction connection angle [°]	37 °
Suction connection comments	Rubber plug
Suction connection diameter [mm]	10.2 mm
Suction connection height [mm]	183 mm
Suction connection material	Copper
Swept volume [cm ³]	20.95 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
Width [mm]	151 mm

Winding temperature short term [°C] [Max] 135 °C

Winding temperature stat [°C] [Max] 125 °C

Refrigerant: R404A; R507, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50



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