

Mbsm.pro, Compressor, SC12C, 104L2674, DANFOSS, 104L 2674, SC12C 104L2674, R22/R502, 3/8HP, 315W, MLbp, 1ph/220-240V/50HZ

Category: compressor

written by Lilianne | 17 March 2022



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Refrigerant use R22/R502,
3/8HP, 315W.

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

Product details

Gross weight 13.39 kg

Net weight 13.39 kg

Application energy level	Standard LBP compressor
Applications	LBP
Approval standard	CCC
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	CE EN 60335-2-34 with Annex AA
Base plate type	13.8 Ohm
Brand technique	Universal
Capacity control	Reciprocating compressor
Colour	Fixed speed
Configuration code	Black
Cut in current HST [A]	Single
Cut in current LST [A]	14.8 A
Description	19.9 A
Discharge connection angle [°]	SC12C
Discharge connection comments	37 °
Discharge connection diameter [mm]	Al-cap
Discharge connection height [mm]	6.2 mm
Discharge connection material	100 mm
Drawing number	Cu-plated steel
Free gas volume [cm ³]	0
Frequency [Hz]	1510 cm ³
Height from baseplate [mm]	50
High value of nominal voltage at 50Hz [V]	203 mm
High value of nominal voltage at 60Hz [V]	230 V
High value of voltage range at 50Hz [V]	0 V
High value of voltage range at 60Hz [V]	254 V
Low value of nominal voltage at 50Hz [V]	0 V
Low value of nominal voltage at 60Hz [V]	220 V
Low value of voltage range at 50Hz [V]	0 V
Low value of voltage range at 60Hz [V]	198 V
LRA HST [A]	0 V
LRA LST [A]	14.8 A
Main winding resistance for single-phase compressors [Ohm]	15.5 A
Model number	5.1 Ohm
	SC12C

Motor type	CSIR
No. of phases (fan)	1
Oil quantity [cm³]	600 cm ³
Oil type	AB
Packing format	Industrial pack
Packing quantity	80
Phase	1
Process connection angle [°]	37 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R22
Refrigerant charge [kg] [Max]	1.3 kg
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	0 rpm
Segment usage	Refrigeration LT
Suction connection angle [°]	37 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	8.2 mm
Suction connection height [mm]	183 mm
Suction connection material	Cu-plated steel
Swept volume [cm³]	12.87 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
Winding temperature short term [°C] [Max]	140 °C
Winding temperature stat [°C] [Max]	130 °C

1. compressor SC series, model number SC12CL
2. Refrigerant use R22/R502,
- 3.3/8HP, 315W.
4. We can supply more compressor models as below:

Model	Code	Voltage	Refrigerant
NL7CLX	105F3710	220-240V/50HZ	R404A
NL8.4CLX	105F3800	220-240V/50HZ	R404A
FR6CL	103U2670	220-240V/50HZ	R404A
FR8.5CLX	103U2890	220-240V/50HZ	R404A
NF5.5CLX	105F1621	115V/60HZ	R404A
NF7CLX	105F3720	115V/60HZ	R404A
TL4.5CLX	102U2111	220-240V/50HZ	R404A
TL4CLX	102U2071	220-240V/50HZ	R404A
TF4CLX	102U2102	115-127V/60HZ	R404A
FR6G	103G6660	220-240V/50HZ	R134A
FR7.5G	103G6680	220-240V/50HZ	R134A
FR8.5G	103G6780	220-240V/50HZ	R134A
FR10G	103G6890	220-240V/50HZ	R134A
FR11G	103G6980	220-240V/50HZ	R134A
NL6.1MF	105G6660	220-240V/50-60HZ	R134A
NL8.4MF	105G6879	220-240V/50-60HZ	R134A
NL10MF	105G6885	220-240V/50-60HZ	R134A
NL11MF	105G6151	220-240V/50-60HZ	R134A
NL10FT	105G6829	220-240V/50HZ	R134A
FR7GH	103G6683	220-240V/50HZ	R134A
FF6GK	103G5680	115V/60HZ	R134A
FF7.5GK	103G5780	115V/60HZ	R134A
FF8.5GX	103G5880	115V/60HZ	R134A
FF10GX	103G5980	115V/60HZ	R134A
NF5.5FX	105G5623	115-127V/60HZ	R134A
NF6.1FX.2	105G5631	115-127V/60HZ	R134A
NF7.3FX.2	105G5722	115-127V/60HZ	R134A
NF8.4FX.2	105G5631	115-127V/60HZ	R134A
NF11FX	105G5947	115-127V/60HZ	R134A
TL5G	102G4550	220-240V/50HZ	R134A
TL4G	102G4452	220-240V/50HZ	R134A
TL3G	102G4350	220-240V/50HZ	R134A
TL4GH	102G4455	220-240V/50-60HZ	R134A
NL7CNX	105H6756	220-240V/50HZ	R290
NL9CNX	105H6856	220-240V/50HZ	R290
TLSCNK	102H4590	220-240V/50HZ	R290
SC10C	104L2516	220-240V 50Hz	R22
SC12C	104L2674	220-240V 50Hz	R22
SC15CM	104L2848	220-240V 50Hz	R22
SC18CM	104L2120	220-240V 50Hz	R22
SC10D	104L2529	220-240V 50Hz	R22
SC12D	104L2694	220-240V 50Hz	R22
SC15D	104L2859	220-240V 50Hz	R22
SC10G	104G8000	220-240V 50/60Hz	R134a
SC12G	104G8240	220-240V 50Hz	R134a
SC15G	104G8520	220-240V 50Hz	R134a
SC18G	104G8820	220-240V 50Hz	R134a
SC21G	104G8140	220-240V 50Hz	R134a
SC10CL	104L2523	220-240V 50Hz	R404a
SC10MLX	104L2533	220-240V 50/60Hz	R404a
SC12CL	104L2623	220-240V 50Hz	R404a
SC15CL	104L2853	220-240V 50Hz	R404a
SC18CL	104L2123	220-240V 50Hz	R404a
SC21CL	104L2322	220-240V 50Hz	R404a



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