

Mbsm.pro, Compressor, Danfoss, Secop,
5/8 hp++, SC21MFX, MBP, R134a, 220
V-240 V, 50 Hz, 104G8120, 8120

Category: compressor

written by Lilianne | 17 February 2022



Product information

LRA HST 60Hz [A]	23.6 A
LRA HST[A]	23.6 A
RLA	4.00A
start capacitor capacitance	80μF
Packing option	Industrial packaging
Upper voltage range value at 50 Hz [V]	264V
Upper voltage range value at 60 Hz [V]	0V
Upper value of rated voltage at 50 Hz [V]	240V
Upper value of rated voltage at 60 Hz [V]	0V
Liquid injection	Not
Suction nozzle, material	Copper
Suction nozzle height [mm]	183mm
Discharge pipe height [mm]	100mm
Height from support panel [mm]	203mm
Process connection height [mm]	183mm
Suction pipe diameter [mm]	10.2mm
Discharge pipe diameter [mm]	6.2mm
Process connection diameter [mm]	6.2mm
Length [mm]	255mm
Run Capacitor	10μF
Socket Notes	Rubber plug
Suction nozzle notes	Rubber plug
Refrigerant charge [kg] [Max]	1.3kg
Segment usage	Cooling to medium temperatures
Configuration code	Single
Number of packages	80
Discharge connection comments	Rubber plug
Voltage, 50 Hz [V]	220V
Voltage, 50 Hz [V] [max]	240V
Lower voltage range value at 50 Hz [V]	198V
Lower value of the voltage range at 60 Hz [V]	0V
Lower value of rated voltage at 50 Hz [V]	220V
Lower value of rated voltage at 60 Hz [V]	0V
Model number	SC21MFX
Areas of use	MBP
Type designation	Compressor
Gross weight	14 kg
Net weight	14 kg

Power failure HST [A]	23.6 A
Overall height, mm	209mm
Oil volume	600 cm3
Description	SC21MFX
Described volume [cm3]	20.95 cm3
Performance Adjustment	fixed speed
Free volume of gas [cm3]	1460 cm3
Rotation speed at 50 Hz [rpm]	2900 rpm
Rotational speed at 60 Hz [rpm]	0 rpm
Discharge connection, material	Copper
Auxiliary winding resistance (starting winding) for single-phase compressors (var.) [Ohm]	13.6ohms
Auxiliary winding resistance (starting winding) for single-phase compressors [Ohm]	13.6ohms
Main winding resistance for single-phase compressors [Ohm]	3.3ohms
Winding temperature, short term [°C] [Max]	135°C
Winding temperature, constant [°C] [Max]	125°C
Process connector, material	Copper
Technology	Piston
A type	SC
engine's type	CSIR CSR
Oil type	polyester oil
Carrier panel type	Universal
Tradename	Piston compressor
Suction angle [°]	37°
Discharge angle [°]	37°
Process Socket Angle	37°
Phase	one
Phases (fan)	one
Phases (compressor)	one
refrigerant	R134a
Color	Black
Frequency Hz]	fifty
Width [mm]	151mm
Economizer	Not
Compressor power supply [V/ph/Hz]	220-240/1/50
Energy level for the application	Standard MBP



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