

Product Detail | Reciprocating compressor, SC15CL



195B0088

Reciprocating compressor, SC15CL

This product is not available in this store. Please contact your local Customer Service Center.

Customer Service Center

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

PRODUCT DETAILS

Gross weight	14.4 kg
Net weight	14.4 kg
EAN	5702428801249
Application energy level	Standard LBP
Applications	LBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	13.7 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]	20.4 A
Description	SC15CL
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 [cm ³]	1510 cm ³
Frequency [Hz]	50
Height from baseplate [mm]	203 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	255 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA HST 60Hz [A]	20.4 A
LRA HST [A]	20.4 A

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product Detail | Reciprocating compressor, SC15CL

PRODUCT DETAILS

Main winding resistance for single-phase compressors [Ohm]	3.7 Ohm
Model number	SC15CL
Motor type	CSIR
No. of phases (compressor)	1
Oil quantity [cm ³]	500 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	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
Refrigerant charge [kg] [Max]	1.3 kg
RLA	3.90 A
Rotational speed at 50Hz [rpm]	3000 rpm
Segment usage	Refrigeration LT
Speed Platform	Fixed-speed
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]	15.28 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

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)