

**121L5037****Scroll compressor, DCJ106T2LC8**

Refrigerants: R410A, Segment usage: Air conditioning, Compressor power supply [V]: 200-220/3/50 208-230/3/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	51.17 Kilogram
Net weight	44 Kilogram
Volume	48.938 Cubic decimeter
EAN	5702424541231
Type	DCJ106
Product group	Hermetic compressors
Product Name Description	Scroll compressor DCJ
Brand technique	Scroll compressor
Capacity control	Fixed speed
CE evaluated	Yes
China RoHS compliance	Yes with exemptions
Colour	Blue
Compressor power supply [V]	200-220/3/50 208-230/3/60
Configuration code	Single
Connection type	Brazed
Contains batteries	No
Description	DCJ106T2
Diameter [mm]	184 mm
Discharge connection height [mm]	508 mm
Discharge connection pipe size [in]	7/8 in
Discharge connection size [in]	7/8 in
Drawing number	0SR4110C
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	7(c)-I 6(a) 6(a)-I 6(c) 7(a) 8(b)
Family	DCJ
Fitting standard	ODF
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Gaz equalization	Brazed
Glass mounting	None
High Side TS Max	140 °C
High Side TS Min	-35 °C

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PRODUCT DETAILS

High Side Volume	0.5 L
High value of nominal voltage at 50Hz [V]	220 V
High value of nominal voltage at 60Hz [V]	230 V
High value of voltage range at 50Hz [V]	242 V
High value of voltage range at 60Hz [V]	253 V
IDV	Yes
In scope of WEEE	No
IP protection class	IP22
Length [mm]	239 mm
Low Side TS Max	55 °C
Low Side TS Min	-35 °C
Low Side Volume	5.8 L
Low value of nominal voltage at 50Hz [V]	200 V
Low value of nominal voltage at 60Hz [V]	208 V
Low value of voltage range at 50Hz [V]	180 V
Low value of voltage range at 60Hz [V]	187 V
LRA	250 A
Max pressure (PS) - high side	46.1 bar
Max pressure (PS) - low side	31.1 bar
MCC	45 A
Model number	DCJ106T2LC8
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	200-230/3/50 208-230/3/60
Oil charge [L]	2.46 L
Oil drain	None
Oil equalization	1/2"
Oil reference	320HV
Oil type	PVE
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Screw connectors 10-32 UNF x 9.5
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	7.26 kg
Refrigerants	R410A
RLA	28.8 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	2dca5616-c3b6-43c5-bd20-147b5acc48be
SCIP dossier product name	DCJ
Segment usage	Air conditioning
Shipped instructions	Installation instructions

PRODUCT DETAILS

Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	375 mm
Suction connection material	-
Suction connection pipe size [in]	1 1/8 in
Suction connection size [in]	1 1/8 in
Swept volume [cm ³]	101.6 cm ³
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	536 mm
UL evaluated	Yes
Viscosity [cP]	68 cP
Width [mm]	239 mm
Winding resistance 1-2 [Ohm]	0.28 Ohm
Winding resistance 1-3 [Ohm]	0.28 Ohm
Winding resistance 2-3 [Ohm]	0.28 Ohm

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

Accessories



8153004 [🔗](#)

Connector, Solder sleeve

Solder sleeve, P02 (1-3/4" rotolock, 1-1/8" ODF)



8156009 [🔗](#)

Connector, Gasket

Gasket set, 1", 1-1/4", 1-3/4", OSG gaskets black and white



8156132 [🔗](#)

Connector, Gasket

Gasket, 1-3/4"



120Z0125 [🔗](#)

Connector, Solder sleeve adapter set

Solder sleeve adaptor set (1-3/4" rotolock, 1-1/8" ODF), (1-1/4" rotolock, 7/8" ODF)

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

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Spare Parts

**8168028** [!\[\]\(23d9fc146e83b5c3013cfa32c784f8d5_img.jpg\)](#)**Connector, RotoLock service valve**

RotoLock valve, V02 (1-3/4" rotoLock, 1-1/8" ODF)

**8168030** [!\[\]\(aa53ad6fea213b8b2226d3077e30533a_img.jpg\)](#)**Connector, RotoLock service valve**

RotoLock valve, V05 (1-1/4" rotoLock, 7/8" ODF)

For more information, please use this link to visit the product page on Danfoss Product Store [!\[\]\(fe3aebe81acea8d45108cd2768939da7_img.jpg\)](#)

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