



Scroll compressor, HCJ090T4LC6

120U2299  **This product has been discontinued**

Product specifications

Characteristic	Value
Approval	CE, UL, UKCA
Brand technique	Scroll compressor
CE evaluated	Yes
Capacity control	Fixed speed
China RoHS compliance	Yes with exemptions
Colour	Black
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Contains batteries	No
CoolselectorFilter	Discontinued models
DG Indicator Profile	Not relevant for dangerous goods
Description	HCJ090T4
Diameter [mm]	184 mm
Discharge connection height [mm]	510 mm
Discharge connection pipe size [in]	7/8 in
Discharge connection size [in]	7/8 in
Drawing number	0SR7596B
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	7(c)-I, 6(a), 6(a)-I, 6(c), 7(a), 8(b)
Economizer	No

Characteristic	Value
Family	HCJ
Fitting standard	ODF
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Gaz equalization	None
Glass mounting	None
High value of nominal voltage at 50Hz [V]	415 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	457 V
High value of voltage range at 60Hz [V]	506 V
IDV	No
IP protection class	IP22
In scope of WEEE	No
LRA	110 A
Low value of nominal voltage at 50Hz [V]	380 V
Low value of nominal voltage at 60Hz [V]	460 V
Low value of voltage range at 50Hz [V]	342 V
Low value of voltage range at 60Hz [V]	414 V
MCC	19 A
Material Description	HCJ090T4LC6 COMPRESSOR, I-PAK, MTG
Max pressure (PS) - high side	46.10 bar
Max pressure (PS) - low side	31.10 bar
Model number	HCJ090T4LC6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Oil charge [L]	2.66 L
Oil equalization	None
Oil reference	320HV

Characteristic	Value
Oil type	PVE
Packing format	Industrial pack
Packing quantity	16
Phase	3
Power connections	Screw connectors 10-32 UNF x 9.5
Product Type	HCJ090
Product group	Hermetic compressors
Product line	Commercial Compressors
Product name	Scroll compressor HCJ
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
RLA	12.2 A
Refrigerant charge [kg] [Max]	7.26 kg
Refrigerants	R410A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	6987e9ab-f9b7-473c-9c29-6cb05443e8ef
Segment usage	Air conditioning
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets and sleeves
Shipped oil	Initial oil charge
Suction connection height [mm]	377 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]	86.85 cm ³
Technology	Scroll
Torque earth [Nm]	2.00 N-m
Torque power [Nm]	3.00 N-m
Total height [mm]	537.0 mm

Characteristic	Value
U.S. EPA label	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.
UL evaluated	Yes
Viscosity [cP]	68.0 cP
Winding resistance 1-2 [Ohm]	1.29 Ohm
Winding resistance 1-3 [Ohm]	1.28 Ohm
Winding resistance 2-3 [Ohm]	1.33 Ohm

General specifications

Characteristic	Value
Gross weight	48.17 Kilogram
Net weight	45.5 Kilogram
Volume	52.9 Liter
EAN/UPC	5702428220224
Proposition 65	Cancer and Reproductive Harm

