

**121L2454****Scroll compressor, HLP078T4LC6**

Refrigerants: R407C, Segment usage: Air conditioning, Compressor power supply [V]: 380-415/3/50 460/3/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	43.22 Kg
Net weight	40.16 Kg
Volume	0.1 Cubic.mtr
EAN	5702424061401
Approval	CE UL UKCA
Brand technique	Scroll compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Description	HLP078T4
Diameter [mm]	184 mm
Discharge connection height [mm]	422 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1/2 in
Drawing number	0XR6089B-1
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a), 6(a)-I, 7(a), 7(c)-I, 8(b), 9(b)
Family	HLP
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

PRODUCT DETAILS

In scope of WEEE and contain batteries	No
IP protection class	IP22
Length [mm]	239 mm
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
LRA	87 A
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	16 A
Model number	HLP078T4LC6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Number of starts per hour [Max]	12
Oil charge [L]	1.57 L
Oil equalization	None
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
Product group	Hermetic compressors
Product Name Description	Scroll compressor HLP
Refrigerant charge [kg] [Max]	5.44 kg
Refrigerants	R407C
RLA	10.3 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning
Suction connection height [mm]	280 mm
Suction connection material	-
Suction connection pipe size [in]	7/8 in
Suction connection size [in]	7/8 in
Swept volume [cm ³]	107.48 cm ³
Technology	Scroll
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	455 mm
Type	HLP078
UK RoHS compliance	Out of scope
Viscosity [cP]	68 cP
Width [mm]	239 mm
Winding resistance 1-2 [Ohm]	1.72
Winding resistance 1-3 [Ohm]	1.69

Product Detail | Scroll compressor, HLP078T4LC6

PRODUCT DETAILS

Winding resistance 2-3 [Ohm]

1.67

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Accessories

**120Z5034** [🔗](#)**Lubricant, 320HV**

PVE lubricant, 320HV (FVC68D), 1-litre can

**8168031** [🔗](#)**Connector, RotoLock service valve**

Rotolock valve, V06 (1" rotolock, 1/2" ODF)

**8168030** [🔗](#)**Connector, RotoLock service valve**

Rotolock valve, V05 (1-1/4" rotolock, 7/8" ODF)

**120Z5064** [🔗](#)**Mounting, Compressor kit**

Mounting kit for one-scroll compressor, including 4 grommets, 4 sleeves, 4 bolts, 4 washers

**118U0057** [🔗](#)**Electrical component, IP Upgrade kit**

IP54 upgrade kit

**120Z5084** [🔗](#)**Acoustic hood, Scroll**

Acoustic hood

**8153007** [🔗](#)**Connector, Solder sleeve**

Solder sleeve, P06 (1" rotolock, 1/2" ODF)

**8156130** [🔗](#)**Connector, Gasket**

Gasket, 1"

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Product Detail | Scroll compressor, HLP078T4LC6

Accessories

**120Z0127** [🔗](#)**Connector, Solder sleeve adaptor set**

Solder sleeve adaptor set (1-1/4" rotolock, 7/8" ODF), (1" rotolock, 1/2" ODF)

**7750009** [🔗](#)**Electrical component, Discharge thermostat kit**

Discharge thermostat kit

**8156009** [🔗](#)**Connector, Gasket**

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

**8156131** [🔗](#)**Connector, Gasket**

Gasket, 1-1/4"

**120Z0057** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 230 V

**120Z0058** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 400 V

Spare Parts

**120Z0057** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 230 V

**8168030** [🔗](#)**Connector, Rotolock service valve**

Rotolock valve, V05 (1-1/4" rotolock, 7/8" ODF)

**120Z0058** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 400 V

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Spare Parts

**8168031** **Connector, RotoLock service valve**RotoLock valve, V06 (1" rotoLock, 1/2" ODF)

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