

**121L1006****Scroll compressor, HRP038T4LP6**

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	41.33 Kg
Net weight	30 Kg
Volume	0.1 Cubic.mtr
EAN	5702424062316
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	HRP038T4
Diameter [mm]	165 mm
Discharge connection height [mm]	379 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1/2 in
Drawing number	0XC6301B-2
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	HRP
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 Detail | Scroll compressor, HRP038T4LP6

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	45 A
Max pressure (PS) - high side	31.1 bar
Max pressure (PS) - low side	26.2 bar
MCC	11 A
Model number	HRP038T4LP6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Oil charge [L]	1.06 L
Oil equalization	None
Oil reference	320HV
Oil type	PVE
Packing format	Single pack
Packing quantity	1
Phase	3
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Scroll compressor HRP
Refrigerant charge [kg] [Max]	3.63 kg
Refrigerants	R407C
RLA	7 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
Segment usage	Air conditioning
Suction connection height [mm]	250 mm
Suction connection material	-
Suction connection pipe size [in]	3/4 in
Suction connection size [in]	3/4 in
Swept volume [cm ³]	51.62 cm ³
Technology	Scroll
Total height [mm]	413 mm
Type	HRP038
UK RoHS compliance	Out of scope
Viscosity [cP]	68 cP
Width [mm]	239 mm
Winding resistance 1-2 [Ohm]	4.66
Winding resistance 1-3 [Ohm]	4.66
Winding resistance 2-3 [Ohm]	3.42

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

Accessories



8168029 [🔗](#)

Connector, Rotolock service valve

Rotolock valve, V04 (1-1/4" rotolock, 3/4" ODF)



8153007 [🔗](#)

Connector, Solder sleeve

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



118U0056 [🔗](#)

Electrical component, IP Upgrade kit

IP54 upgrade kit



7750009 [🔗](#)

Electrical component, Discharge thermostat kit

Discharge thermostat kit



8153008 [🔗](#)

Connector, Solder sleeve

Solder sleeve, P04 (1-1/4" rotolock, 3/4" ODF)



120Z0126 [🔗](#)

Connector, Solder sleeve adapter set

Solder sleeve adaptor set (1-1/4" rotolock, 3/4" ODF), (1" rotolock, 1/2" ODF)



120Z5083 [🔗](#)

Acoustic hood, Scroll

Acoustic hood



120Z5034 [🔗](#)

Lubricant, 320HV

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



8156131 [🔗](#)

Connector, Gasket

Gasket, 1-1/4"

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

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 | Scroll compressor, HRP038T4LP6

Accessories

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

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

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

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

**120Z5015** [🔗](#)**Electrical component, Terminal box**

Terminal box

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

Gasket, 1"

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

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

**120Z0055** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 230 V

**120Z0056** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 400 V

Spare Parts

**120Z0055** [🔗](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 230 V

**8168029** [🔗](#)**Connector, Rotolock service valve**

Rotolock valve, V04 (1-1/4" rotolock, 3/4" ODF)

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

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 | Scroll compressor, HRP038T4LP6

Spare Parts

**120Z0056** **Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 400 V

**8168031** **Connector, Rotolock service valve**

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

**120Z0890** **Crankcase heater, Belt heater**

Belt type crankcase heater, 40 W, 400/460 V

For more information, please use this link to visit the product page on Danfoss Product Store 

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.