

**121L1456****Scroll compressor, HRH044U2LP6**

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	43.53 Kilogram
Net weight	40.47 Kilogram
Volume	0.1 Cubic meter
EAN	5702424061999
Approval	CE UL UKCA
Brand technique	Scroll compressor
Capacity control	Fixed speed
CE evaluated	Yes
China RoHS compliance	Yes exceed limitations
Colour	Blue
Compressor power supply [V]	200-220/3/50 208-230/3/60
Configuration code	Single
Connection type	Brazed
Description	HRH044U2
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	0XR6002B-2
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	HRH
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]	220 V

Product Detail | Scroll compressor, HRH044U2LP6

PRODUCT DETAILS

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
In scope of WEEE and contain batteries	No
IP protection class	IP22
Length [mm]	239 mm
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	120 A
Max pressure (PS) - high side	46.1 bar
Max pressure (PS) - low side	31.1 bar
MCC	26 A
Model number	HRH044U2LP6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	200-230/3/50 208-230/3/60
Oil charge [L]	1.57 L
Oil drain	None
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 HRH
Refrigerant charge [kg] [Max]	5.44 kg
Refrigerants	R410A
RLA	16.7 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]	42.61 cm ³
Technology	Scroll
Total height [mm]	455 mm
Type	HRH044

Product Detail | Scroll compressor, HRH044U2LP6
PRODUCT DETAILS

U.S. EPA label	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.
UK RoHS compliance	Yes with exemptions
UK RoHS exemption clause	19 21 24 12 13 18
UL evaluated	Yes
Viscosity [cP]	68 cP
Width [mm]	239 mm
Winding resistance 1-2 [Ohm]	0.67
Winding resistance 1-3 [Ohm]	0.65
Winding resistance 2-3 [Ohm]	0.65

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

Accessories

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

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


8156009 [🔗](#)
Connector, Gasket

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


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

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


8156130 [🔗](#)
Connector, Gasket

Gasket, 1"


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

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

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.

Accessories

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

Acoustic hood

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

Discharge thermostat kit

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

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

**118U0056** [🔗](#)**Electrical component, IP Upgrade kit**

IP54 upgrade kit

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

Gasket, 1-1/4"

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

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

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

Belt type crankcase heater, 50 W, 230 V

Spare Parts

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

Terminal box

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

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

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, HRH044U2LP6

Spare Parts

**8168030** [!\[\]\(74d4806277d7e73349d8e8c0897931e9_img.jpg\)](#)**Connector, RotoLock service valve**

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

**120Z0057** [!\[\]\(8bba887393ca45b761e5cb49e755e762_img.jpg\)](#)**Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 230 V

**8168031** [!\[\]\(0fb13ad0bfa3d86868cdd3883e5665b3_img.jpg\)](#)**Connector, RotoLock service valve**

RotoLock valve, V06 (1" rotoLock, 1/2" ODF)

For more information, please use this link to visit the product page on Danfoss Product Store [!\[\]\(7bc43b319a082987e20f7bf78f4bab80_img.jpg\)](#)

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.