

**121L1286****Scroll compressor, HRH044U1LP6**

Refrigerants: R410A, Segment usage: Air conditioning, Compressor power supply [V]: 208-230/1/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	48.03 Kilogram
Net weight	34.88 Kilogram
Volume	0.1 Cubic meter
EAN	5702424062170
Approval	CE UL UKCA
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	0.82
Brand technique	Scroll compressor
Capacity control	Fixed speed
Capacity of capacitor A	70 µF
Capacity of capacitor B	161-193 µF
CE evaluated	Yes
China RoHS compliance	Yes exceed limitations
Colour	Blue
Compressor power supply [V]	208-230/1/60
Configuration code	Single
Connection type	Brazed
Description	HRH044U1
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]	60
Gauge port HP	None
Gauge port LP	None

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Product Detail | Scroll compressor, HRH044U1LP6

PRODUCT DETAILS

Gaz equalization	None
Glass mounting	None
High value of nominal voltage at 60Hz [V]	230 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 60Hz [V]	208 V
Low value of voltage range at 60Hz [V]	187 V
LRA	150 A
Main winding resistance for single-phase compressors [Ohm]	0.32
Max pressure (PS) - high side	46.1 bar
Max pressure (PS) - low side	31.1 bar
MCC	38 A
Model number	HRH044U1LP6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	208-230/1/60
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	1
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Scroll compressor HRH
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	5.44 kg
Refrigerants	R410A
Relay model	3ARR3*3L*
RLA	24.3 A
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	22cfab5a-a26e-446d-9517-3ee5f4753699
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 [cm³]	42.61 cm ³
Technology	Scroll
Total height [mm]	455 mm
Type	HRH044

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Product Detail | Scroll compressor, HRH044U1LP6
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
Voltage of capacitor A [V]	370 V
Voltage of capacitor B [V]	250 V
Width [mm]	239 mm

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

Accessories

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

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


120Z0051 [🔗](#)
Electrical component, Run capacitor

Run capacitor 70 µF


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

Discharge thermostat kit


8156130 [🔗](#)
Connector, Gasket

Gasket, 1"


120Z5084 [🔗](#)
Acoustic hood, Scroll

Acoustic hood

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Accessories

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

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

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

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

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

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

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

IP54 upgrade kit

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

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

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

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

**120Z0400** [🔗](#)**Electrical component, Start capacitor**

Capacitor 161-193µF 330V

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

Gasket, 1-1/4"

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

Belt type crankcase heater, 50 W, 230 V

Para más información, use este enlace para visitar la página del producto en Product Store de Danfoss [🔗](#)

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Spare Parts



8168030 [🔗](#)

Connector, Rotolock service valve

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



120Z5034 [🔗](#)

Lubricant, 320HV

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



120Z5015 [🔗](#)

Electrical component, Terminal box

Terminal box



120Z0057 [🔗](#)

Crankcase heater, Belt heater

Belt type crankcase heater, 50 W, 230 V



8168031 [🔗](#)

Connector, Rotolock service valve

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

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