

**121L8529****Scroll compressor, HRH032U1LP6A**

Refrigerants: R410A; R454B, Segment usage: Air conditioning, Compressor power supply [V]: 208-230/1/60, Packing format: Single pack

PRODUCT DETAILS

Gross weight	31.6 Kg
Net weight	30.9 Kg
Volume	0.346 Cubic.mtr
EAN	5715162663394
Approval	UL
Brand technique	Scroll compressor
Capacity control	Fixed speed
Compressor power supply [V]	208-230/1/60
Configuration code	Single
Connection type	Brazed
Description	HRH032U1A
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	8590071
Economizer	No
Family	HRH
Fitting standard	ODF
Frequency [Hz]	60
Gauge port HP	None
Gauge port LP	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	87.5 A
Max pressure (PS) - high side	44.6 bar
Max pressure (PS) - low side	33.3 bar
Model number	HRH032U1LP6A

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Product Detail | Scroll compressor, HRH032U1LP6A

PRODUCT DETAILS

Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	208-230/1/60
Number of starts per hour [Max]	12
Oil charge [L]	1.06 L
Oil equalization	none
Oil reference	215PZ
Oil type	POE
Packing format	Single pack
Phase	1
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	HRH
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	3.63 kg
Refrigerants	R410A R454B
RLA	16 A
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	22cfab5a- a26e-446d-9517-3ee5f4753699
SCIP dossier product name	HLH/HLJ/HLM/HLP/HRH/HRM/HRP
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]	30.64 cm ³
Technology	Scroll
Total height [mm]	413 mm
Type	HRH032 (Version A)
Viscosity [cP]	46 cP
Width [mm]	239 mm
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

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

Accessories

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

IP54 upgrade kit

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

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Accessories

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

Belt type crankcase heater, 40 W, 230 V, CE mark, UL

**120Z0126** [🔗](#)**Connector, Solder sleeve adapter set**

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

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

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

**120Z5083** [🔗](#)**Acoustic hood, Scroll**

Acoustic hood

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

Discharge thermostat kit

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

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

**8153008** [🔗](#)**Connector, Solder Sleeve**

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

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

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

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

Gasket, 1-1/4"

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

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

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Accessories

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

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

**8173001** [🔗](#)**Electrical component, Start capacitor**

Start capacitor 330V, 98 µF

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

Gasket, 1"

Spare Parts

**120Z0648** [🔗](#)**Lubricant, 215PZ**

POE lubricant, 215PZ, 1-litre can

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

Terminal box

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

Belt type crankcase heater, 40 W, 230 V, CE mark, UL

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

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

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

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

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