

**121L1293****Scroll compressor, HRH051U1LP6**

Refrigerants: R410A, Segment usage: Air conditioning, Compressor power supply

[V]: 208-230/1/60, Packing format: Industrial pack

PRODUCT DETAILS

Gross weight	43 Kilogram
Net weight	41 Kilogram
Volume	0.06 Cubic meter
EAN	5702424234416
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	HRH051U1
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, HRH051U1LP6

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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	41 A
Model number	HRH051U1LP6
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	Industrial pack
Packing quantity	12
Phase	1
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Scroll compressor HRH
Refrigerant charge [kg] [Max]	5.44 kg
Refrigerants	R410A
Relay model	3ARR3*3L*
RLA	26.3 A
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]	49.32 cm ³
Technology	Scroll
Total height [mm]	455 mm
Type	HRH051
U.S. EPA label	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.

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PRODUCT DETAILS

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



120Z0400 [🔗](#)

Electrical component, Start capacitor

Capacitor 161-193µF 330V



120Z5084 [🔗](#)

Acoustic hood, Scroll

Acoustic hood



8156130 [🔗](#)

Connector, Gasket

Gasket, 1"



8156009 [🔗](#)

Connector, Gasket

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



7750009 [🔗](#)

Electrical component, Discharge thermostat kit

Discharge thermostat kit



120Z5064 [🔗](#)

Mounting, Compressor kit

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

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Accessories

**8153007** **Connector, Solder sleeve**

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

**120Z0127** **Connector, Solder sleeve adapter set**

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

**8168030** **Connector, Rotolock service valve**

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

**118U0056** **Electrical component, IP Upgrade kit**

IP54 upgrade kit

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

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

**120Z0051** **Electrical component, Run capacitor**

Run capacitor 70 µF

**8156131** **Connector, Gasket**

Gasket, 1-1/4"

**120Z0057** **Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 230 V

Spare Parts

**120Z0057** **Crankcase heater, Belt heater**

Belt type crankcase heater, 50 W, 230 V

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Spare Parts

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

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

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

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

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

Terminal box

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

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

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