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› **Export page** (/sg/en/Climate-Solutions-for-cooling/Compressors/Compressors-for-air-conditioning/Scroll-compressors/Scroll-compressor%2C-HRP034T4LP6/p/120U2024/getExport)



Scroll compressor, HRP034T4LP6

120U2024

This product has been discontinued.

› **We have a replacement.** (/sg/en/Climate-Solutions-for-cooling/Compressors/Compressors-for-air-conditioning/Scroll-compressors/Scroll-compressor%2C-HRP034T4LP6/p/120U2024#productReferencesProductObsoleteReferencesComponent)

Refrigerants: R407C, Segment usage: Air conditioning, Compressor power supply [V]: 380-415/3/50 460/3/60, Packing format: Single pack/pallet

Discontinued

+ Add to comparison list

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Product details Documents Certificates Visuals Accessories Spare Parts

Product details

Gross weight	34.42 Kg
Net weight	30.42 Kg
Volume	41.584 Liter
EAN	5702428222327
Approval	CE UL UKCA
Brand technique	Scroll compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Description	HRP034T4
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
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
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	9.5 A
Model number	HRP034T4LP6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60

Nominal heating capacity at 50Hz	4.6 kW
Number of starts per hour [Max]	12
Oil charge [L]	1.06 L
Oil equalization	None
Oil reference	160HV
Oil type	PVE
Packing format	Single pack/pallet
Packing quantity	16
Phase	3
Power connections	Spade
Product group	Hermetic compressors
Product Name Description	Scroll compressor HRP
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	3.63 kg
Refrigerants	R407C
Relief valve	Yes
RLA	6.1 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	22cfab5a-a26e-446d-9517-3ee5f4753699
Segment usage	Air conditioning
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets and sleeves

Shipped oil	Initial oil charge
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 [cm3]	46.21 cm ³
Technology	Scroll
Total height [mm]	413 mm
Type	HRP034
Viscosity [cP]	32 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

Documents

Documen...	Singapore	English	Title
Application guide	Singapore	English	Danfoss scrolls, H-Series Residential and light commercial R407C, R410A; 50 - 60 Hz (//assets.danfoss.com/documents/160483/AB2181864281011501.pdf) AB218186428184en-011501 3144 KB
Brochure	Singapore	English	Brochure Compressors for A/C bringing Savings now and t lifetime (//assets.danfoss.com/documents/97179/AD2152864406!000202.pdf) AD21528644065000-000202 4152 KB

			Title
Catalog	Singapore	English	Spare parts and accessories Danfoss Commercial Compressor for hermetic reciprocating and scroll compressors (AC/HP REF) //assets.danfoss.com/documents/256012/AF200886436000901.pdf AF200886436047en-000901
Data sheet	Singapore	English	Polynomial coefficients HRP, HLP, HCP, R407C //assets.danfoss.com/documents/180900/AI2649579044000201.xls AI264957904477en-000201
Installation guide	Singapore	English	DCJ / H series compressors //assets.danfoss.com/documents/32718/AN1468864221000501.pdf AN146886422104en-000501 638 KB
Safety guide	Singapore	English	Safety data sheet, Polyvinyl ether oil 320HV English 2021 //assets.danfoss.com/documents/217069/BH261650886000301.pdf BH261650886129en-000301 129 KB


Certificates

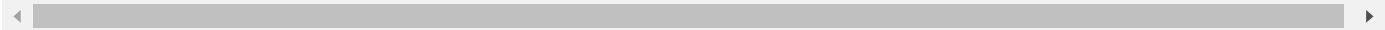
Document Type	Singapore	English	Title
EU-UK Declaration	Singapore	English	Danfoss EU-UK 8555017 AD //assets.danfoss.com/approvals/240751/ID365934680501.pdf ID365934680322-0501 1265 KB
Manufacturer's Declaration	Singapore	English	Danfoss MD 8555014 AB //assets.danfoss.com/approvals/204110/ID365946860301.pdf ID365946860740-0301 894 KB

			Title
Manufacturer's Declaration	Singapore	English	Danfoss MD 8555016 AB (//assets.danfoss.com/approvals/204113/ID365946860301.pdf) ID365946861741-0301 1135 KB
Manufacturer's Declaration	Singapore	English	Danfoss MD 8555030 AC (//assets.danfoss.com/approvals/199845/ID365946860401.pdf) ID365946865744-0401 656 KB
Manufacturer's Declaration	Singapore	English	Danfoss MD 8555038 AA (//assets.danfoss.com/approvals/185317/ID381948530101.pdf) ID381948536328-0101 384 KB
Mechanical Safety Certificate	Singapore	English	UL SA11565 (//assets.danfoss.com/approvals/190794/ID366040910201.pdf) ID366040914096-0201 154 KB
Mechanical Safety Certificate	Singapore	English	UL SA6873 (//assets.danfoss.com/approvals/190792/ID366040900201.pdf) ID366040907092-0201 213 KB

Visuals

Visuals	Document Category	Title	Download
	Photo	HCJ090 scroll front view	ID197652642814-0101.jpg (//assets.danfoss.com/photos/150784/ID197652642814-0101.jpg)

Visuals	Document Category	Title	Download
	Drawing	HRH029	› ID266337282857-0101.igs
		HRH031	(//assets.danfoss.com/drawings/26757/ID266337282857-0101.igs)
		HRH032	
		HRH034	› ID266337195856-0101.dxf
		HRH036	(//assets.danfoss.com/drawings/26760/ID266337195856-0101.dxf)
		HRH038	
		HRM025	› ID266337069855-0101.dwg
		HRM032	(//assets.danfoss.com/drawings/26761/ID266337069855-0101.dwg)
		HRM034	
		HRM038	› ID303450433270-0101.step
		HRM040	(//assets.danfoss.com/drawings/5596/ID303450433270-0101.step)
		HRM042	
		HRP025	› ID384142575217-0301.pdf
		HRP032	(//assets.danfoss.com/drawings/191301/ID384142575217-0301.pdf)
		HRP034	
		HRP038	
		HRP040	
		HRP042 -P6 - 0XC6301B2 - PDF	



Accessories



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for-
cooling/Comp
ressors/Spare-
parts-and-
accessories-
for-
compressors/
Connector%2
C-
Gasket/p/815
6130)
8156130

› Connector, Gasket

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Gasket/p/8156130)

Gasket, 1"

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-RotoLock-service-valve/p/8168029)

8168029

› Connector, RotoLock service valve

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-RotoLock-service-valve/p/8168029)

RotoLock valve, V04 (1-1/4" rotoLock, 3/4" ODF)

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Lubricant%2C-320HV/p/120Z5034)
120Z5034

› **Lubricant, 320HV**

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Lubricant%2C-320HV/p/120Z5034)

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

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Electrical-component%2C-Discharge-thermostat-kit/p/7750009)

7750009

› Electrical component, Discharge thermostat kit

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Electrical-component%2C-Discharge-thermostat-kit/p/7750009)

Discharge thermostat kit

Where to buy

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ressors/Spare-
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Acoustic-
hood%2C-
Scroll/p/120Z
5083)
120Z5083

› **Acoustic hood, Scroll**
(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-
compressors/Acoustic-hood%2C-Scroll/p/120Z5083)

Acoustic hood

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Mounting%2C-Compressor-kit/p/120Z5064)

120Z5064

› Mounting, Compressor kit

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Mounting%2C-Compressor-kit/p/120Z5064)

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

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Solder-sleeve/p/8153008)

8153008

› Connector, Solder sleeve

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-Solder-sleeve/p/8153008)

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

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Connector%2
C-
Gasket/p/815
6131)
8156131

› **Connector, Gasket**
(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-
compressors/Connector%2C-Gasket/p/8156131)

Gasket, 1-1/4"

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%C-Solder-sleeve-adapter-set/p/120Z0126)

120Z0126

› Connector, Solder sleeve adapter set

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%C-Solder-sleeve-adapter-set/p/120Z0126)

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

Where to buy

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compressors/
Connector%2
C-
Gasket/p/815
6009)
8156009

› **Connector, Gasket**
(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-
compressors/Connector%2C-Gasket/p/8156009)

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

Where to buy

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View:

10 (/sg/en/referenceSearch?page=0&pageSize=10)

25 (/sg/en/referenceSearch?page=0&pageSize=25)

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Spare Parts



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ressors/Spare-
parts-and-
accessories-
for-
compressors/
Heater%2C-
Belt-
heater/p/120
Z0055)
120Z0055

› Heater, Belt heater

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Heater%2C-Belt-heater/p/120Z0055)

Belt type crankcase heater, 40 W, 230 V

Where to buy

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8168029

› Connector, RotoLock service valve

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-RotoLock-service-valve/p/8168029)

RotoLock valve, V04 (1-1/4" rotoLock, 3/4" ODF)

Where to buy

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(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-RotoLock-service-valve/p/8168031)

8168031

› Connector, RotoLock service valve

(/sg/en/Climate-Solutions-for-cooling/Compressors/Spare-parts-and-accessories-for-compressors/Connector%2C-RotoLock-service-valve/p/8168031)

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

Where to buy

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Replacement



(/sg/en/Climate-Solutions-for-cooling/Compressors/Compressors-for-air-conditioning/Scroll-compressors/Scroll-compressor%2C-HRP034T4LP6/p/121L2024)
121L2024

› **Scroll compressor, HRP034T4LP6**
(/sg/en/Climate-Solutions-for-cooling/Compressors/Compressors-for-air-conditioning/Scroll-compressors/Scroll-compressor%2C-HRP034T4LP6/p/121L2024)

Refrigerants: R407C, Segment usage: Air conditioning, Compressor power supply [V]: 380-415/3/50 460/3/60, Packing format: Single pack

This material is the replacement for the selected discontinued material.

Where to buy

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