ENGINEERING TOMORROW

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120U1606

Scroll compressor, HRP060T5LP6

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Customer Service Center

Refrigerant: R407C, Segment usage: Air conditioning, Compressor power supply [V/Ph/Hz]: 220-240/1/50

PRODUCT DETAILS

Gross weight	44.83 kg
Net weight	40.83 kg
EAN	5702428225120
Approval standard	CE UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	1.02 Ohm
Brand technique	Scroll compressor
Capacity control	Fixed speed
Capacity of capacitor A	55 µF
Capacity of capacitor B	88-108 µF
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Connection type	Brazed
Description	HRP060T5
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
Fitting standard	ODF
Frequency [Hz]	50
Gauge port HP	None
Gauge port LP	None
Gaz equalization	None
Glass mounting	None
High side max pressure (Ps)	31.1 bar
High value of nominal voltage at 50Hz [V]	230 V
High value of nominal voltage at 60Hz [V]	0 V
High value of voltage range at 50Hz [V]	253 V
High value of voltage range at 60Hz [V]	0 V

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PRODUCT DETAILS

IP protection class	IP22
Length [mm]	239 mm
Low side max pressure (Ps)	26.2 bar
Low value of nominal voltage at 50Hz [V]	230 V
Low value of nominal voltage at 60Hz [V]	0 V
Low value of voltage range at 50Hz [V]	207 V
Low value of voltage range at 60Hz [V]	0 V
LRA	130 A
Main winding resistance for single-phase compressors [Ohm]	0.39 Ohm
MCC	40 A
Model number	HRP060T5LP6
Motor protection	Internal overload protector
Nominal cooling capacity at 50Hz	12.6 kW
Nominal heating capacity at 50Hz	8 kW
Oil charge [L]	1.57 L
Oil drain	None
Oil equalization	None
Oil reference	320HV
Oil type	PVE
Packing format	Single pack/pallet
Packing quantity	16
Phase	1
Power connections	Spade
Refrigerant	R407C
Refrigerant charge [kg] [Max]	5.44 kg
Relay model	3ARR3*25AS*
Relief valve	Yes
RLA	25.6 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	0 rpm
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]	280 mm
Suction connection pipe size [in]	7/8 in
Suction connection size [in]	7/8 in
Swept volume [cm3]	80.95 cm^3
Technology	Scroll
Total height [mm]	455 mm
Type	HRP
Type designation	Compressor
Viscosity [cP]	68 cP
Voltage of capacitor A [V]	440 V
Voltage of capacitor B [V]	330 V

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PRODUCT DETAILS

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

120Z5084
Acoustic hood
Acoustic hood

8173234
Run capacitor
Run capacitor 440V,55 µF

8156009
Gasket set, 1", 1-1/4", 1-3/4", OSG gaskets black and white
Gasket set, 1", 1-1/4", 1-3/4", OSG gaskets black and white

120Z5034
PVE lubricant, 320HV (FVC68D), 1-litre can
PVE lubricant, 320HV (FVC68D), 1-litre can

8173001
Start capacitor
Start capacitor 330V, 98 µF

120Z5064
Mounting kit
Mounting kit for one-scroll compressor, including 4 grommets, 4 sleeves, 4 bolts, 4 washers

8156131
Gasket, 1-1/4"
Gasket, 1-1/4"

8168031
Rotolock valve, V06 (1" rotolock, 1/2" ODF), Service kit
VALVE SETS V06 1"-1/2"

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Accessories

120Z0127
Adaptor
Solder sleeve adaptor set (1-1/4" rotolock, 7/8" ODF), (1" rotolock, 1/2" ODF)

8168030
Rotolock valve, V05 (1-1/4" rotolock, 7/8" ODF), Service kit
VALVE SETS V05 1 1/4"-7/8"

7750009
Discharge thermostat kit
Discharge thermostat kit

8156130
Gasket, 1"
Gasket, 1"

8153007
Adaptor
Solder sleeve, P06 (1" rotolock, 1/2" ODF)

Spare Parts

120Z0057
Belt type crankcase heater, 50 W, 230 V, CE mark, UL
Belt type crankcase heater, 50 W, 230 V, CE mark, UL

8168030
Rotolock valve, V05 (1-1/4" rotolock, 7/8" ODF), Service kit
VALVE SETS V05 1 1/4"-7/8"

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