



Scroll compressor, HRH040U4LP6

120U1208 

 **This product has been discontinued**

Recommended replacement: 121L1208

Product specifications

Characteristic	Value
Approval	CE, UL, UKCA
Brand technique	Scroll compressor
CE evaluated	Yes
Capacity control	Fixed speed
China RoHS compliance	Yes with exemptions
Colour	Black
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Contains batteries	No
CoolselectorFilter	Discontinued models
DG Indicator Profile	Not relevant for dangerous goods
Description	HRH040U4
Diameter [mm]	165 mm
Discharge connection height [mm]	405 mm
Discharge connection pipe size [in]	1/2 in
Discharge connection size [in]	1/2 in
Drawing number	0XC6301B-3
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	7(c)-I, 6(a), 6(a)-I, 6(c), 7(a), 8(b)
Economizer	No

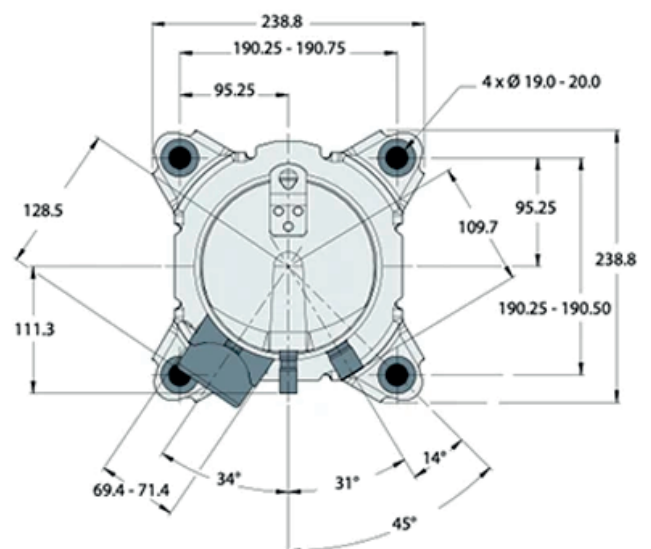
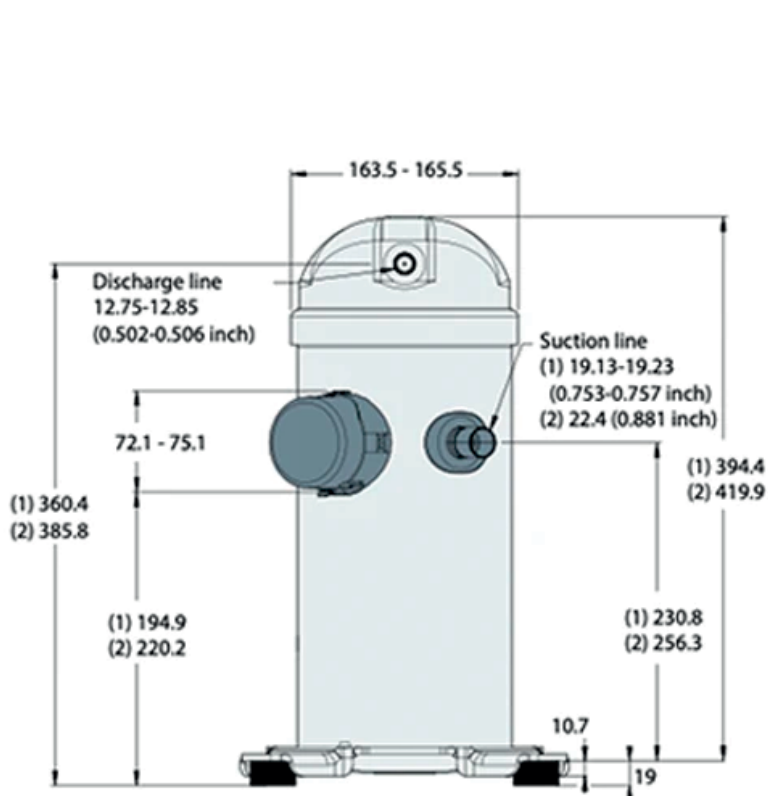
Characteristic	Value
Family	HRH
Fitting standard	ODF
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	None
Gaz equalization	None
Glass mounting	None
High value of nominal voltage at 50Hz [V]	415 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	457 V
High value of voltage range at 60Hz [V]	506 V
IDV	No
IP protection class	IP22
In scope of WEEE	No
LRA	50 A
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
MCC	12 A
Material Description	HRH040U4LP6 COMPRESSOR, I-PAK, MTG
Max pressure (PS) - high side	46.10 bar
Max pressure (PS) - low side	31.10 bar
Model number	HRH040U4LP6
Motor protection	Internal overload protector
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Oil charge [L]	1.33 L
Oil equalization	None

Characteristic	Value
Oil reference	320HV
Oil type	PVE
Packing format	Industrial pack
Packing quantity	16
Phase	3
Power connections	Spade
Product Type	HRH040
Product group	Hermetic compressors
Product line	Commercial Compressors
Product name	Scroll compressor HRH
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
RLA	7.7 A
Refrigerant charge [kg] [Max]	3.63 kg
Refrigerants	R410A
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]	275 mm
Suction connection material	-
Suction connection pipe size [in]	7/8 in
Suction connection size [in]	7/8 in
Swept volume [cm ³]	39.64 cm ³
Technology	Scroll
Total height [mm]	439.0 mm
U.S. EPA label	For installations using U.S. EPA restricted refrigerants, this product may be used for servicing existing equipment only.

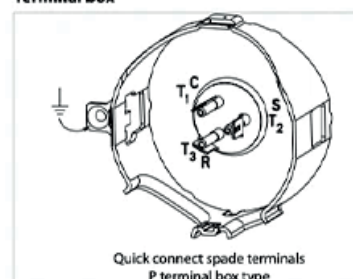
Characteristic	Value
UL evaluated	Yes
Viscosity [cP]	68.0 cP
Width [mm]	239.00 mm
Winding resistance 1-2 [Ohm]	3.87 Ohm
Winding resistance 1-3 [Ohm]	3.87 Ohm
Winding resistance 2-3 [Ohm]	2.85 Ohm

General specifications

Characteristic	Value
Gross weight	33.75 Kilogram
Net weight	31.08 Kilogram
Volume	48.383 Liter
EAN/UPC	5702428206204
Proposition 65	Cancer and Reproductive Harm



Terminal box



Mounting grommet

