



## Scroll compressor, CXH140A4BLA

URL: <https://www.sxplc.com/scroll-compressor-cxh140a4bla>

### Product data sheet

Brand technique	Scroll compressor
Capacity control	Fixed speed
China RoHS compliance	Out of scope
Colour	Blue
Compressor power supply [V]	380-415/3/50 460/3/60
Configuration code	Single
Connection type	Brazed
Description	CXH140-4
Diameter [mm]	236 mm
Discharge connection height [mm]	519 mm
Discharge connection pipe size [in]	7/8 in
Discharge connection size [in]	7/8 in
Drawing number	8560074a
Economizer	No
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(a), 6(a)-I, 7(a), 7(c)-I, 8(b), 9(b)
Family	CXH
Fitting standard	ODF
Frequency [Hz]	50/60
Gauge port HP	None
Gauge port LP	Schrader
Glass mounting	Threaded
Glass torque [Nm]	50 N-m

High Side TS Max	150 °C
High Side TS Min	-35 °C
High Side Volume	1.2 L
High value of nominal voltage at 50Hz [V]	400 V
High value of nominal voltage at 60Hz [V]	460 V
High value of voltage range at 50Hz [V]	440 V
High value of voltage range at 60Hz [V]	506 V
In scope of WEEE and contain batteries	No
IP protection class	IP54 (with cable gland)
Low Side TS Max	55 °C
Low Side TS Min	-35 °C
Low Side Volume	10 L
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]	340 V
Low value of voltage range at 60Hz [V]	414 V
LRA	147 A
Max pressure (PS) - high side	45.5 bar
Max pressure (PS) - low side	33.3 bar
Maximum Operating Current [MOC]	27 A
MCC	31.5 A

Model number	CXH140A4BLA
Motor protection	Internal overload protector
Mounting torque [Nm]	21 N-m
Network power supply [V/Ph/Hz]	380-415/3/50 460/3/60
Oil charge [L]	2.5 L
Oil drain	None
Oil equalization	1-3/4" Rotolock
Oil reference	160SZ
Oil type	POE
Packing format	Industrial pack
Packing quantity	8
Phase	3
Power connections	Screw 4.8 mm
Product group	Hermetic compressors

Product Name Description	Scroll compressor CXH
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	7.9 kg
Refrigerants	R410A
RLA	22.5 A
Rotational speed at 50Hz [rpm]	2900 rpm
Rotational speed at 60Hz [rpm]	3500 rpm
SCIP dossier no.	3810c14d-553d-4671-a585-931922fe1d04
SCIP dossier product name	CXH140
Segment usage	Air conditioning
Shipped instructions	Installation instructions
Shipped mounting	Mounting kit with grommets, bolts, nuts, sleeves and washers
Shipped oil	Initial oil charge
Suction connection height [mm]	136 mm
Suction connection material	-
Suction connection pipe size [in]	1 3/8 in
Suction connection size [in]	1 3/8 in
Swept volume [cm3]	132.9 cm <sup>3</sup>
Technology	Scroll
Test dif [bar] [Max]	37 bar
Test HP [bar] [Max]	45.5 bar
Test LP [bar] [Max]	33.3 bar
Torque earth [Nm]	2 N-m
Torque power [Nm]	3 N-m
Total height [mm]	563 mm
Type	CXH140
UK RoHS compliance	Out of scope
Viscosity [cP]	32 cP
Winding resistance for three-phase compressors with identical windings [Ohm]	0.92 Ohm

