

**123B1162****Reciprocating compressor, GL99ADb**

Refrigerants: R134a, Segment usage: Refrigeration LT, Compressor power supply [V]: 115/1/60

PRODUCT DETAILS

Gross weight	11.1 Kg
Net weight	10.8 Kg
Volume	12 Liter
EAN	5702424675769
Applications	LBP
Approval	UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	3.67
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	115/1/60
Configuration code	Single
Cut in current HST 60Hz [A]	25 A
Description	GL99ADb
Discharge connection angle [°]	0 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	4.9 mm
Discharge connection height [mm]	121 mm
Discharge connection material	Copper
Economizer	No
Family	L
Frequency [Hz]	60
Height from baseplate [mm]	198 mm
High value of nominal voltage at 60Hz [V]	115 V
High value of voltage range at 60Hz [V]	132 V
In scope of WEEE and contain batteries	No
Low value of nominal voltage at 60Hz [V]	115 V
Low value of voltage range at 60Hz [V]	98 V
LRA HST 60Hz [A]	25 A
Main winding resistance for single-phase compressors [Ohm]	1.43

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Product Detail | Reciprocating compressor, GL99ADb

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MCC	5.00 A
Model number	GL99ADb
Motor type	CSIR
No. of phases (compressor)	1
Oil quantity [cm ³]	470 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	50 °
Process connection comments	Rubber plug
Process connection diameter [mm]	6.5 mm
Process connection material	Copper
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor L
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	1.15 kg
Refrigerants	R134a
Rotational speed at 60Hz [rpm]	3600 rpm
SCIP dossier no.	4b2fe785-688b-4157- ad7e-68b26c6e3e7b
SCIP dossier product name	GBC
Segment usage	Refrigeration LT
Start capacitor capacitance	170 µF
Suction connection angle [°]	20 °
Suction connection diameter [mm]	6.5 mm
Suction connection height [mm]	125 mm
Suction connection material	Copper
Swept volume [cm ³]	9.95 cm ³
Technology	Reciprocating
Total height [mm]	205 mm
Type	GL99
Voltage 60Hz [V]	115 V
Voltage 60Hz [V] [Max]	115 V
Winding temperature short term [°F] [Max]	135 °C
Winding temperature stat [°C] [Max]	115 °C
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)

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Accessories



123B9707 [🔗](#)
Electrical component, Terminal box cover
 Plastic Cover, UL



123B9901 [🔗](#)
Mounting, Mounting kit
 Mounting Accessories 16mm



123B9122 [🔗](#)
Electrical component, Relay
 Relay + Con. Board ECC2 1170-8

Spare Parts



123B9701 [🔗](#)
Electrical component, Cable
 Cord Anchorage



123B9471 [🔗](#)
Electrical component, Motor protector
 Protector 9-648



123B9318 [🔗](#)
Electrical component, Start capacitor
 Starting Cap. 170µf/160V +Cover+Cable

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