

**123B1153****Reciprocating compressor, GL45ADa**

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

PRODUCT DETAILS

Gross weight	8.3 Kg
Net weight	8.1 Kg
Volume	10.4 Liter
EAN	5715162723432
Applications	LBP
Approval	UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	9.07
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	115/1/60
Configuration code	Single
Cut in current LST 60Hz [A]	15.8 A
Description	GL45ADa
Discharge connection angle [°]	0 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	4.9 mm
Discharge connection height [mm]	98 mm
Discharge connection material	Copper
Economizer	No
Family	L
Frequency [Hz]	60
Height from baseplate [mm]	175 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 LST 60Hz [A]	15.8 A
Main winding resistance for single-phase compressors [Ohm]	4.55

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Product Detail | Reciprocating compressor, GL45ADa
PRODUCT DETAILS

MCC	2.50 A
Model number	GL45ADa
Motor type	RSIR
No. of phases (compressor)	1
Oil quantity [cm3]	265 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.	cd1d92df-acc4-43d9-8eb6- bb380e61d93f
SCIP dossier product name	GL
Segment usage	Refrigeration LT
Suction connection angle [°]	20 °
Suction connection diameter [mm]	6.5 mm
Suction connection height [mm]	103 mm
Suction connection material	Copper
Swept volume [cm3]	4.56 cm ³
Technology	Reciprocating
Total height [mm]	182 mm
Type	GL45
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 [🔗](#)

Accessories

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

Plastic Cover, UL

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

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Accessories



123B9102 [🔗](#)

Electrical component, Relay

Relay PTC + Con. Board K115 DL



123B9901 [🔗](#)

Mounting, Mounting kit

Mounting Accessories 16mm

Spare Parts



123B9701 [🔗](#)

Electrical component, Cable

Cord Anchorage



123B9405 [🔗](#)

Electrical component, Motor protector

Protector 9-668

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