

**101Z0200****Reciprocating compressor, BD35F**

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Customer Service Center

Refrigerants: R134a, Segment usage: Refrigeration LT; Refrigeration HT;
Refrigeration MT, Compressor power supply [V]: 12-24/DC 110-220/1/60

PRODUCT DETAILS

Gross weight	4.257 Kg
Net weight	4.257 Kg
Volume	5.186 Liter
EAN	5702428840118
Applications	HBP LBP MBP
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	12-24/DC 110-220/1/60
Configuration code	Single
Description	BD35F
Discharge connection angle [°]	21 °
Discharge connection comments	AI-cap
Discharge connection diameter [mm]	5 mm
Discharge connection height [mm]	38 mm
Discharge connection material	Cu-plated steel
Economizer	No
Family	BD
Free gas volume [cm ³]	870 cm ³
Frequency [Hz]	DC-12V
Height from baseplate [mm]	91 mm
High value of voltage range at DC [V]	31 V
In scope of WEEE and contain batteries	No
Length [mm]	178 mm
Liquid injection	No
Low value of voltage range DC [V]	9 V
Main winding resistance for single-phase compressors [Ohm]	2.2
Model number	BD35F
Motor type	DC/PM
No. of phases (compressor)	0
Oil quantity [cm ³]	150 cm ³
Oil type	POE
Packing format	Industrial pack

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Product Detail | Reciprocating compressor, BD35F

PRODUCT DETAILS

Packing quantity	150
Process connection angle [°]	45 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection height [mm]	81 mm
Process connection material	Cu-plated steel
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor BD
REACH Candidate List substances	No
Refrigerant charge [kg] [Max]	0.3 kg
Refrigerants	R134a
Segment usage	Refrigeration HT
	Refrigeration LT
	Refrigeration MT
Suction connection angle [°]	40 °
Suction connection diameter [mm]	6.2 mm
Suction connection height [mm]	81 mm
Suction connection material	Cu-plated steel
Swept volume [cm ³]	2 cm ³
Technology	Reciprocating
Total height [mm]	96 mm
Type	BD35
Voltage DC [V] [Max]	24 V
Voltage DC [V] [Min]	12 V
Width [mm]	100 mm
Winding temperature short term [°F] [Max]	135 °C
Winding temperature stat [°C] [Max]	125 °C

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

Accessories

**101N0212** [🔗](#)**Electronic component, Electronic controller**

Electronic 2nd G-BD35/50F standard

**118-1917** [🔗](#)**Mounting, Mounting kit**

MOUNTING ACCESSORIES

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