

**195B0028** **FR**

Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT;
Refrigeration MT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

PRODUCT DETAILS

Gross weight	11.3 kg
Net weight	11.3 kg
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	11.9 Ohm
Base plate type	Universal
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220-240/1/50
Configuration code	Single
Cut in current HST [A]	10.9 A
Cut in current LST [A]	15.1 A
Description	FR11G
Discharge connection angle [°]	25 °
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	6.2 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm³]	1350 cm ³
Frequency [Hz]	50
Height from baseplate [mm]	191 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
Length [mm]	243 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
LRA HST 60Hz [A]	10.9 A

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

PRODUCT DETAILS

LRA HST [A]	10.9 A
LRA LST [A]	10.5 A
Main winding resistance for single-phase compressors [Ohm]	7.1 Ohm
Model number	FR11G
Motor type	CSIR RSIR
No. of phases (compressor)	1
Oil quantity [cm ³]	450 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	30 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection material	Cu-plated steel
Refrigerant	R134a
Refrigerant charge [kg] [Max]	0.9 kg
RLA	2.20 A
Rotational speed at 50Hz [rpm]	3000 rpm
Segment usage	Refrigeration LT Refrigeration MT Refrigeration HT
Speed Platform	Fixed-speed
Start capacitor capacitance	80 µF
Suction connection angle [°]	30 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	8.2 mm
Suction connection material	Cu-plated steel
Swept volume [cm ³]	11.15 cm ³
Technology	Reciprocating
Total height [mm]	196 mm
Type	FR
Type designation	Compressor
Voltage 50Hz [V]	220 V
Voltage 50Hz [V] [Max]	240 V
Width [mm]	156 mm
Winding temperature short term [°C] [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 [🔗](#)

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Accessories

**103G6980** [🔗](#)**FR**

Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT; Refrigeration MT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

**117U6010** [🔗](#)**Starting Relay FR**

Starting Relay FR

Image
coming
soon**117U5015** [🔗](#)**Start capacitor**

START CAPACITOR 80µF, 220V - FR,NL

Image
coming
soon**103N2010** [🔗](#)**Accessory**

COVER TL,NL,FR-220V

**118-1917** [🔗](#)**MOUNTING ACCESSORIES**

MOUNTING ACCESSORIES

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.