

**195B0024****FR**

Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT;
Refrigeration MT, Compressor power supply [V/Ph/Hz]: 220/1/50 220/1/60

PRODUCT DETAILS

Gross weight	11.24 kg
Net weight	11.24 kg
EAN	5702428583749
Application energy level	Universal
Applications	HBP LBP MBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	13 Ohm
Base plate type	Universal
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V/Ph/Hz]	220/1/50 220/1/60
Configuration code	Single
Description	FR7.5G
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]	50/60
Height from baseplate [mm]	191 mm
High value of nominal voltage at 50Hz [V]	240 V
High value of nominal voltage at 60Hz [V]	240 V
High value of voltage range at 50Hz [V]	255 V
High value of voltage range at 60Hz [V]	255 V
Length [mm]	243 mm
Liquid injection	No
Low value of nominal voltage at 50Hz [V]	220 V

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PRODUCT DETAILS

Low value of nominal voltage at 60Hz [V]	220 V
Low value of voltage range at 50Hz [V]	187 V
Low value of voltage range at 60Hz [V]	187 V
Main winding resistance for single-phase compressors [Ohm]	10.7 Ohm
Model number	FR7.5G
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
Phase	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
Rotational speed at 50Hz [rpm]	3000 rpm
Rotational speed at 60Hz [rpm]	3600 rpm
Segment usage	Refrigeration LT Refrigeration MT Refrigeration HT
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]	6.93 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
Voltage 60Hz [V]	220 V
Voltage 60Hz [V] [Max]	240 V
Width [mm]	156 mm
Winding temperature short term [°C] [Max]	135 °C
Winding temperature stat [°C] [Max]	125 °C

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Accessories



117U6001 [↗](#)
RELAY ASSY. - DROP-OUT NOM. 3.15A
RELAY ASSY. - DROP-OUT NOM. 3.15A

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

Spare Parts



103G6680 [↗](#)
FR
Refrigerant: R134a, Segment usage: Refrigeration HT; Refrigeration LT; Refrigeration MT, Compressor
power supply [V/Ph/Hz]: 220/1/50 220/1/60

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