

**195B0038**

FR

Refrigerant: R404A, Segment usage: Refrigeration LT, Compressor power supply [V/Ph/Hz]: 220-240/1/50

PRODUCT DETAILS

Gross weight	11.15 kg
Net weight	11.15 kg
Application energy level	Standard LBP
Applications	LBP
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	FR8.5CL
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
LRA HST [A]	10.9 A
LRA LST [A]	10.5 A

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PRODUCT DETAILS

Main winding resistance for single-phase compressors [Ohm]	7.1 Ohm
Model number	FR8.5CL
Motor type	CSIR
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	R404A
Refrigerant charge [kg] [Max]	0.85 kg
RLA	2.20 A
Rotational speed at 50Hz [rpm]	3000 rpm
Segment usage	Refrigeration LT
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]	7.95 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

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Accessories



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

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Accessories

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

**103U2890** [🔗](#)**FR**

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