

**195B0245****Reciprocating compressor, PL35G**

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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	5.28 kg
Net weight	5.27 kg
Application energy level	Universal MBP/HBP
Applications	HBP MBP LBP
Auxiliary winding resistance (start winding) for single-phase compressors alt [Ohm]	14 Ohm
Base plate type	EU small
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
Cut in current HST [A]	4.2 A
Description	PL35G
Discharge connection angle [°]	21 °
Discharge connection comments	Al-cap
Discharge connection diameter [mm]	5 mm
Discharge connection height [mm]	73 mm
Discharge connection material	Cu-plated steel
Economizer	No
Free gas volume [cm³]	850 cm ³
Frequency [Hz]	50/60
Height from baseplate [mm]	127 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]	206 mm
Liquid injection	No

Product Detail | Reciprocating compressor, PL35G

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Low value of nominal voltage at 50Hz [V]	220 V
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
LRA HST 60Hz [A]	4.2 A
LRA HST [A]	4.2 A
Main winding resistance for single-phase compressors [Ohm]	38 Ohm
Model number	PL35G
Motor type	CSIR RSIR
No. of phases (compressor)	1
Oil quantity [cm ³]	150 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Phase	1
Process connection angle [°]	45 °
Process connection comments	Al-cap
Process connection diameter [mm]	6.2 mm
Process connection height [mm]	120 mm
Process connection material	Cu-plated steel
Refrigerant	R134a
Refrigerant charge [kg] [Max]	0.3 kg
RLA	0.50 A
Rotational speed at 50Hz [rpm]	3000 rpm
Rotational speed at 60Hz [rpm]	3600 rpm
Segment usage	Refrigeration MT Refrigeration LT Refrigeration HT
Start capacitor capacitance	60 µF
Suction connection angle [°]	40 °
Suction connection comments	Al-cap
Suction connection diameter [mm]	6.2 mm
Suction connection height [mm]	120 mm
Suction connection material	Cu-plated steel
Swept volume [cm ³]	2 cm ³
Technology	Reciprocating
Total height [mm]	129 mm
Type	PL
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]	130 mm
Winding temperature short term [°C] [Max]	135 °C

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PRODUCT DETAILS

Winding temperature stat [°C]	125 °C
[Max]	

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