

**123B1581** **Reciprocating compressor, GPY12RDb**

Refrigerants: R134a, Segment usage: Refrigeration MT, Compressor power supply

[V]: 115/1/60

PRODUCT DETAILS

Gross weight	12.6 Kg
Net weight	12.3 Kg
Volume	13.1 Liter
EAN	5702428584500
Applications	HBP MBP
Approval	UL
Auxiliary winding resistance (start winding) for single-phase compressors [Ohm]	6.5
Brand technique	Reciprocating compressor
Capacity control	Fixed speed
Colour	Black
Compressor power supply [V]	115/1/60
Configuration code	Single
Cut in current HST 60Hz [A]	39.5 A
Description	GPY12RDb
Discharge connection angle [°]	0 °
Discharge connection comments	Rubber plug
Discharge connection diameter [mm]	6.5 mm
Discharge connection height [mm]	121 mm
Discharge connection material	Copper
Economizer	No
Family	P
Frequency [Hz]	60
Height from baseplate [mm]	211 mm
High value of nominal voltage at 60Hz [V]	115 V
High value of voltage range at 60Hz [V]	132 V
In scope of WEEE and contain batteries	No
Low value of nominal voltage at 60Hz [V]	115 V
Low value of voltage range at 60Hz [V]	98 V
LRA HST 60Hz [A]	39.5 A

PRODUCT DETAILS

Main winding resistance for single-phase compressors [Ohm]	1
MCC	9.00 A
Model number	GPY12RDb
Motor type	CSR
No. of phases (compressor)	1
Oil quantity [cm ³]	400 cm ³
Oil type	POE
Packing format	Single pack
Packing quantity	1
Process connection angle [°]	50 °
Process connection comments	Rubber plug
Process connection diameter [mm]	8.1 mm
Process connection material	Copper
Product group	Hermetic compressors
Product Name Description	Reciprocating compressor P
REACH Candidate List substances	Lead (CAS no. 7439-92-1)
Refrigerant charge [kg] [Max]	1.15 kg
Refrigerants	R134a
Rotational speed at 60Hz [rpm]	3600 rpm
Run capacitor capacitance	15 µF
SCIP dossier no.	cd1d92df-acc4-43d9-8eb6-bb380e61d93f
SCIP dossier product name	GL
Segment usage	Refrigeration MT
Start capacitor capacitance	250 µF
Suction connection angle [°]	20 °
Suction connection diameter [mm]	8.1 mm
Suction connection height [mm]	125 mm
Suction connection material	Copper
Swept volume [cm ³]	12.1 cm ³
Technology	Reciprocating
Total height [mm]	217 mm
Type	GPY12
Voltage 60Hz [V]	115 V
Voltage 60Hz [V] [Max]	115 V
Winding temperature short term [°F] [Max]	135 °C
Winding temperature stat [°C] [Max]	115 °C
Proposition 65	WARNING: Cancer and Reproductive Harm www.p65warnings.ca.gov

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Accessories

**123B9703** **Electrical component, Capacitor holder**

Starting Cap. Bracket: Height 95

**123B9707** **Electrical component, Terminal box cover**

Plastic Cover, UL

**123B9141** **Electrical component, Relay**

Relay + Con. Board ECC2 1184-8

**123B9901** **Mounting, Mounting kit**

Mounting Accessories 16mm

Spare Parts

**123B9491** **Electrical component, Motor protector**

Protector 9-562

**123B9216** **Electrical component, Run capacitor**

Run Capacitor 15µf/250V

**123B9314** **Electrical component, Start capacitor**

Starting Cap. 250µf/160V+Cover+Cable

**123B9701** **Electrical component, Cable**

Cord Anchorage

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