

Hermetic Refrigeration Compressor 180W

This hermetic refrigeration compressor is designed for cooling applications. It operates on 220-240V at 50Hz, with a power consumption of 130W.



Overview

Hermetic Refrigeration Compressor

The QD113Y is a high-efficiency hermetic refrigeration compressor designed for demanding LBP (Low Back Pressure) cooling applications. It is engineered to operate reliably on standard 220-240V 50Hz power supplies, delivering a cooling capacity of 180W with an optimized coefficient of performance. Its robust RSIR motor and compact design make it an ideal choice for refrigeration systems requiring consistent, long-term thermal management.

Performance Metrics

Key Performance Indicators

180 W Cooling Capacity	1.38 W/W C.O.P	1.05 A Rated Current
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Technical Specifications

Technical Data

Parameter	Specification
Model	QD113Y
Refrigerant	R134a
Displacement	11.3 cm ³
Motor Input	130 W
Oil Charge	310 cm ³
Motor Type	RSIR
Cooling Method	Static (S)

Operational Details

Operating Characteristics	LBP Application, 220-240V, 50Hz, Hermetic Seal
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