

DC Refrigeration Compressor

This hermetically sealed refrigeration compressor is designed for 12/24V DC operation. It utilizes R134a refrigerant.



Product Overview

High-Efficiency DC Refrigeration Compressor

This hermetically sealed DC refrigeration compressor is specifically engineered for mobile refrigeration applications requiring 12V or 24V DC power. Designed for low back pressure (LBP) operations, it utilizes R134a refrigerant to deliver reliable cooling performance. With multiple rotational speed options, it offers flexible capacity settings to meet varying thermal demands.

Technical Specifications

Model Number	QDZH35G
Refrigerant	R134a
Power Supply	12/24V DC
Displacement	3.5 cm ³
Oil Charge	160 ml
Cooling Method	FC (Forced Cooling)

Performance Data

Supported Rotational Speeds

- 2000
- 2500
- 3000
- 3500

Performance at -23.3°C (Ashrae)

Speed (rpm)	Capacity (W)	COP (W/W)
2000	60	1.08
2500	73	1.07
3000	86	1.06
3500	100	1.05

Certifications

Certifications

CE