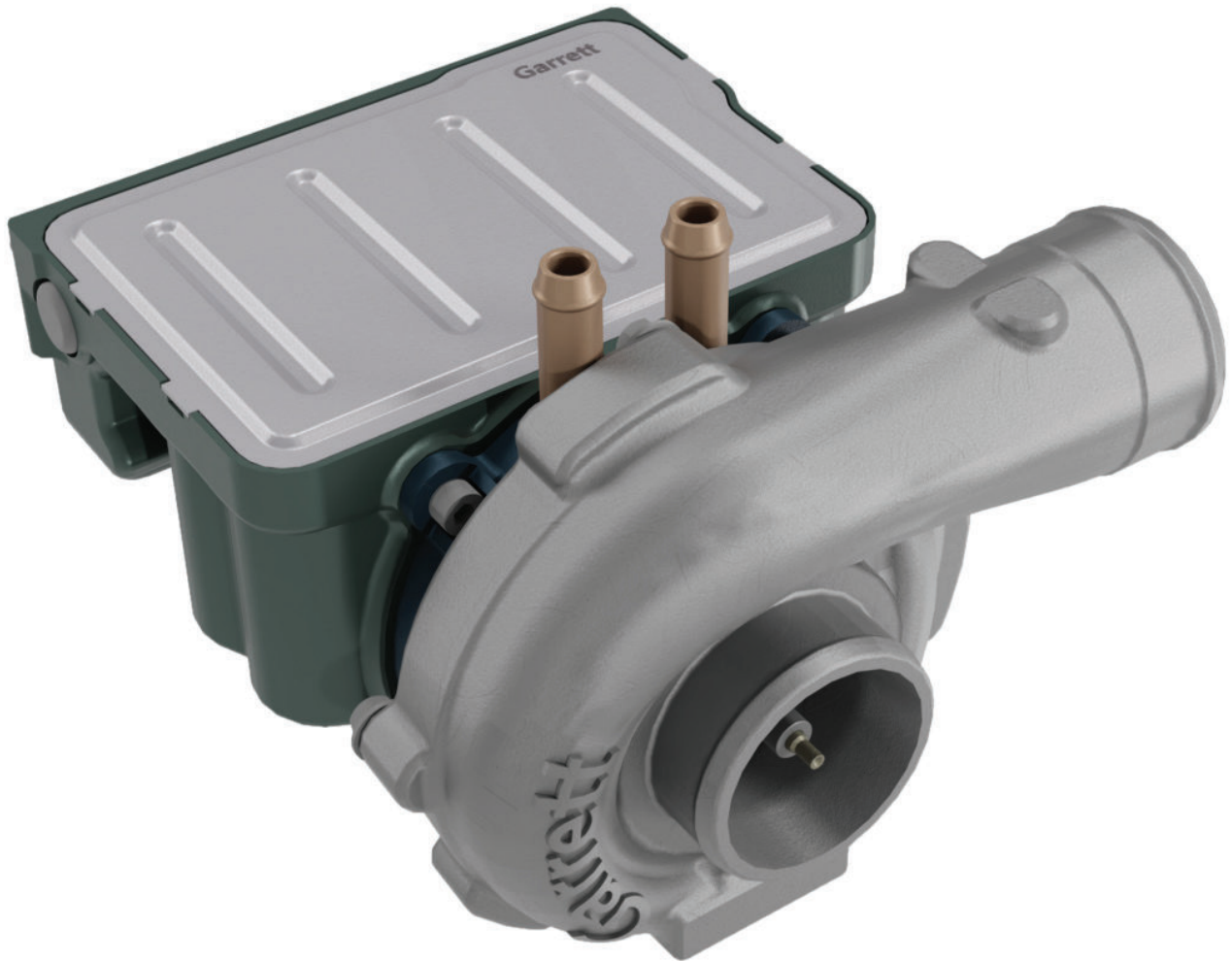


Garrett
ADVANCING MOTION



ELECTRIC & HYBRID

48V Electric Compressor (Gen. 3)

Boosting solution for EU7 performance, fuel economy and emission challenges.

INDUSTRY BENCHMARK

FEATURES	INDUSTRY STANDARD	GARRETT SOLUTION
Aerodynamic, max speed	70krpm	90krpm
Electric Motor & Inverter	Up to 5.3 kW	Up to 7.5kW motoring
Packaging	Baseline	Smaller Diameter, higher power density

GARRETT TECHNOLOGY BENEFITS

APPLICATIONS	KEY NEEDS	BENEFITS	INDUSTRY STANDARD	GARRETT SOLUTION ADVANTAGES
Mild & Full Hybrid Gasoline & Diesel Vehicles	Performance	Power Density	Baseline (λ 0.85)	+20% (full λ 1)
		Torque Density	Baseline	+25%
	Fuel Economy	CO2 reduction	Baseline	Up to 3%
	Emissions	Catalyst Light-Off	Baseline	Faster light-off
		Diesel Nox /Soot	Baseline	-20%

48V ELECTRIC COMPRESSOR (GEN. 3)

