

5 – 90 kW at 3000 to 8000 min⁻¹



Characteristics of the R 350d Series:

- Low vibrations
- Long life-expectancy
- Easy maintenance
- Compact design
- High power to weight ratio
- Cost effective

Because of the small size and low weight of the R 350d Series engines, many of their applications take advantage of these unparalleled attributes:

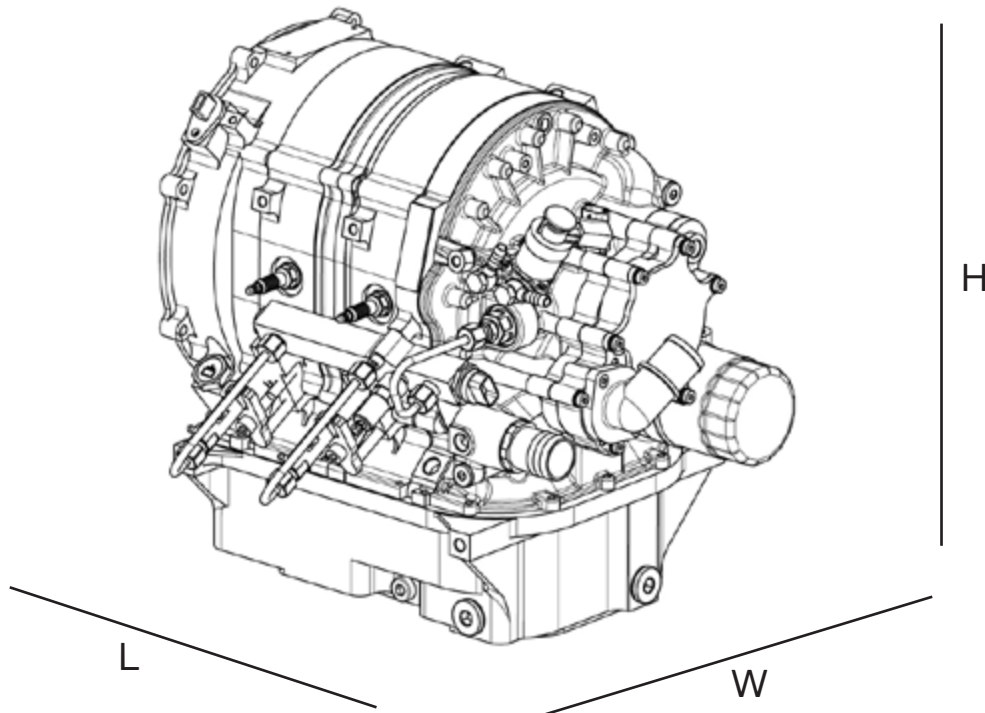
- Marine Applications
- Power Generators
- Aviation Industry
- Automotive Industry
- Leisure Sector

For the different applications, we offer three different modes:

- **Industrial Mode:** For stationary and uninterrupted running applications. Preserving the engine by running in a low-speed range. Low maintenance and a long duration.
- **Mobile Mode:** For lightweight applications, which run at a higher power range.
- **High-Performance Mode:** For applications which have to meet high power peaks.

TECHNICAL DATA

ENGINE DATA	UNITS	R 351d	R 352d
Number of Rotors		1	2
Engine Displacement	Liter	0.35	0.7
Max. Speed	min ⁻¹	8000	8000
Charging		Turbo & Intercooler	Turbo & Intercooler
Fuel Injection		High-Pressure EFI	High-Pressure EFI
Oil Type		SAE 10W40	SAE 10W40
Coolant		Water / Ethylene Glycol	Water / Ethylene Glycol
Weight	kg	30	45
Performance			
Industrial Mode	kW / Nm	14 / 45	28 / 90
Mobile Mode	kW / Nm	32 / 50	64 / 101
High-Performance Mode	kW / Nm	46 / 55	92 / 110
Weight to Power Ratio (Industrial / Mobile / High Perf.)	kg/kW	2,1 / 0,85 / 0,65	1,6 / 0,64 / 0,5
Spec. Fuel Consumption (Industrial / Mobile / High Perf.)	g/kWh	290	285
Dimension (L x W x H)	mm	320 x 440 x 380	410 x 440 x 385



1. Performance specification without the power absorbed by the cooling fan.
2. Best fuel consumption, Diesel fuel with the density 0,835 kg/dm³ at 15°C.
3. Detailed sketches, models and information are available on demand.

The information on this data sheet represent normal engine calibration. Specific performance will be provided with a firm offer.