

Motorsport Information



Volkswagen

Technical Data

Volkswagen Beetle GRC (2014)

Engine

Design	Four-cylinder in-line engine with exhaust turbocharger and intercooling, positioned laterally in front of the front axle
Capacity	1,600 ccm
Performance	400 kW (544 hp) at 7,800 rpm
Torque	525 Nm at 5,000 rpm
Bore/stroke	83.0 mm/73.8 mm
Restrictor plate	45 mm
Engine management	Bosch

Transmission

Gearbox	Sequential, six-gear racing transmission, positioned laterally
Axle drive	Permanent 4-wheel drive with rigid drive shaft between front and rear axle, multi-plate limited slip differentials on front and rear axle
Coupling	Hydraulically operated three-plate sinter metal clutch

Chassis

Front/rear axle	McPherson struts, dampers by ZF
Suspension travel	Approx. 230 mm
Steering	Rack-and-pinion steering with power assistance
Braking system	Disc brakes with all-around inside ventilation (Ø 355 mm at the front; Ø 300 mm at the rear), aluminium callipers (four pistons all-around)
Rims	8 x 17 inch
Tyres	240/640-R17 Yokohama

Chassis/Bodywork

Structure	Reinforced production steel body in line with FIA/GRC regulations
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Dimensions and weight

Length/width/height	4,287/1,820/1,405 mm
Track	1,620 mm
Wheelbase	2,530 mm
Minimum weight	1,300 kg (incl. driver)

Driving performance

Acceleration	0–100 km/h in approx. 2.2 seconds
Top speed	Up to 200 km/h (depending on transmission)