

# Motorsport Information



Volkswagen

Technical Data

## Volkswagen Polo GTI R5

### Engine

Design	Straight-four engine with turbocharger and intercooling, transversally mounted in front of the front axle
Capacity	1,600 ccm
Performance	200 kW (272 hp) at 5,500 rpm
Torque	400 Nm at 4,000 rpm
Bore/stroke	82.5 mm/75.5 mm
Restrictor plate	32 mm
Engine management	Bosch

### Transmission

Gearbox	Sequential, five-speed racing gearbox, transversally mounted
Axle drive	Permanent four-wheel drive with equal torque split between the front and rear axles, multi-plate limited-slip differentials, front and rear
Clutch	Hydraulically actuated double-disk sintered metal clutch

### Chassis

Front/rear axle	McPherson struts, dampers from ZF
Suspension travel	approx. 180 mm on asphalt, approx. 275 mm on gravel
Steering	Servo-assisted rack and pinion steering
Braking system	Internally-ventilated disc brakes (front Ø 355 mm on asphalt; Ø 300 mm front and rear on gravel), aluminium brake callipers (four callipers, front and rear)
Rims	8 x 18 inch for asphalt; 7 x 15 inch for gravel
Tyres	Asphalt: 20/65-18 (235/40-R18); gravel: 17/65-15 (215/60-R15)

### Chassis/Bodywork

Structure	FIA-approved, reinforced steel body from production vehicle
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### Dimensions and weight

Length/width/height	4,067/1,942/1,372 mm
Track	1,837 mm
Wheelbase	2,540 mm
Minimum weight	1,230 kg (without driver/co-driver)

### Driving performance

Acceleration	0–100 km/h in approx. 4.1 seconds
Top speed	Up to approx. 200 km/h (depending on transmission ratio)