

# 911 GT3 RS

## Engine

Type	Six-cylinder naturally aspirated boxer engine with gasoline particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	3,996 cm <sup>3</sup>
Bore	102.0 mm
Stroke	81.5 mm
Maximum power	386 kW (525 PS)
at engine speed	8,500 1/min
Maximum torque	465 Nm
at engine speed	6,300 1/min
Maximum power per litre	96.6 kW/l (131.4 PS/l)
Compression ratio	13.3:1
Maximum engine speed	9,000 1/min
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for inlet and outlet valves DLC-coated rocker arms, solid cam followers
Intake system	Variable intake manifold made of plastic with two switchable resonance valves and six individual throttle valves
Oil supply	Dry-sump lubrication with a separate engine oil tank and fully variable oil pressure pump, seven oil scavange stages, oil centrifuge and additional oil supply via the crankshaft, fine oil separator

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## Power transmission

Drive system	Rear-wheel drive
Gearbox	Seven-speed dual-clutch transmission (PDK) with short gear ratios and Porsche Torque Vectoring Plus (PTV+) incl. electronically controlled rear differential lock with fully variable torque distribution
Gear ratios	
1 <sup>st</sup> gear	3.75
2 <sup>nd</sup> gear	2.38
3 <sup>rd</sup> gear	1.72
4 <sup>th</sup> gear	1.34
5 <sup>th</sup> gear	1.11
6 <sup>th</sup> gear	0.96
7 <sup>th</sup> gear	0.84
Reverse gear	3.42
Rear-axle gear ratio	4.27

## Chassis

Suspension and damping	Sport suspension adjustable for circuit driving (track, camber, anti-roll bar, ride height); Porsche Active Suspension Management (PASM) variable damping system with sport tuning and 20 mm lowering; multi-stage rebound and compression adjustable from the steering wheel
Front axle	Double-wishbone front axle with aero control arms, anti-roll bar, all suspension mounts with spherical joints, integrated helper springs
Rear axle	Multi-link rear axle, anti-roll bar, all suspension mounts with spherical joints, integrated helper springs
Steering	Electromechanical power steering with variable steering ratio and speed-sensitive power steering assistance Rear-axle steering with sports tuning
Steering ratio	14.1:1 (centre position)
Steering wheel diameter	360 mm
Turning circle diameter	10.5 m
Vehicle stability system	Porsche Stability Management (PSM) incl. ABS; stability control (ESC) and traction control (TC), multi-stage-adjustable from the steering wheel and fully deactivatable

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## Brakes

Brake system	Dual-circuit braking system with axle distribution; vacuum brake booster; brake assist; electric duo-servo parking brake Auto-hold function; post-collision brake
Front-axle brakes	Six-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	408 mm
Thickness	36 mm
Rear-axle brakes	Four-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	380 mm
Thickness	30 mm

## Wheels and tyres

Front wheels and tyres	10 J x 20 ET 45 with 275/35 ZR 20 sport tyres
Rear wheels and tyres	13 J x 21 ET 31 with 335/30 ZR 21 sport tyres

## Dimensions

Length	4,572 mm
Width (including exterior mirrors)	1,900 mm (2,027 mm)
Height	1,322 mm
Wheelbase	2,457 mm
Front track width	1,630 mm
Rear track width	1,582 mm

## Luggage compartment volume and weights

Unladen weight (DIN)	1,450 kg
Permissive gross weight	1,795 kg
Weight-to-power ratio	3.76 kg/kW (2.76 kg/PS)

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## Performance

Top speed	296 km/h
Acceleration	
0 – 60 mph	3.0 s
0 – 100 km/h	3.2 s
0 – 160 km/h	6.9 s
0 – 200 km/h	10.6 s

## Fuel and emissions

Emissions standard	Euro 6d ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption (NEDC)	
Urban	17.6 l/100 km
Extra-urban	9.8 l/100 km
Combined	12.7 l/100 km
CO <sub>2</sub> emissions (NEDC)	
Combined	289 g/km
Fuel consumption (WLTP)	
Combined	13.4 l/100 km
CO <sub>2</sub> emissions (WLTP)	
Combined	305 g/km
Efficiency class (Germany)	G
Tank capacity	64 l (optional 90 l)

## Aerodynamics

Drag coefficient ( $c_d$ )	0.39
Cross-sectional area A	2.21 m <sup>2</sup>
$c_d \times A$	0.862 m <sup>2</sup>