

# 718 Cayman GT4 RS

## ENGINE

Design	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	368 kW (500 PS)
At rpm	8,400 rpm
Maximum torque	450 Nm
At rpm	6,750 rpm
Maximum power output per litre	92 kW/l (125 PS/l)
Compression ratio	13.3:1
Maximum rpm	9,000 rpm
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for intake and exhaust valves, DLC-coated rocker arms, fixed valve train
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 suction stages, oil centrifuge and additional oil supply via the crankshaft; fine oil separator

## POWER TRANSMISSION

Drive	Rear-wheel drive
Transmission	Seven-speed dual clutch transmission (PDK); Porsche Torque Vectoring (PTV) including mechanical rear differential lock
Gear ratio	
First gear	3.75
Second gear	2.38
Third gear	1.72
Fourth gear	1.34
Fifth gear	1.11
Sixth gear	0.96
Seventh gear	0.84
Reverse gear	3.42
Rear-axle gear ratio	4.17

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## CHASSIS

Suspension and damping	Adjustable, circuit-ready sports suspension (toe, camber, anti-roll bars all adjustable); steel suspension with RS-specific spring rates; electronically controlled Porsche Active Suspension Management (PASM) damping system with sports tuning and two manually selectable modes; lowered by 30 millimetres
Front axle	MacPherson strut front axle with lightweight springs (including helper springs), anti-roll bar, ball joints for all suspension bushes
Rear axle	MacPherson strut rear axle with lightweight springs (including helper springs), anti-roll bar, ball joints for all suspension bushes
Steering	Electromechanical power steering with variable steering ratio and speed-sensitive power steering assistance
Steering ratio	16.9:1 (centre position) to 12.25:1
Steering wheel diameter	360 mm
Turning circle diameter	11.4 m
Vehicle stability system	Porsche Stability Management (PSM) including ABS with extended braking functions; can be switched off in two stages (ESC OFF and ESC+TC OFF)

## BRAKES

Brake system	Dual-circuit brake system split by axle; vacuum brake booster; braking assistant; electric duo-servo parking 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	8.5 J x 20 ET 61 with sports tyres 245/35 ZR 20 95Y XL
Rear wheels and tyres	11.0 J x 20 ET 50 with sports tyres 295/30 ZR 20 101Y XL

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## DIMENSIONS

Length	4,456 mm
Width (including exterior mirrors)	1,822 mm (1,994 mm)
Height	1,267 mm
Wheelbase	2,482 mm
Front track width	1,545 mm
Rear track width	1,542 mm

## LUGGAGE COMPARTMENT VOLUME AND WEIGHTS

Luggage compartment volume (front/rear)	125 l/136 l
Unladen weight (DIN)	1,415 kg
Gross vehicle weight	1,771 kg
Weight-to-power ratio	3.8 kg/kW (2.8 kg/PS)

## PERFORMANCE

Top speed	315 km/h
Acceleration	
0 – 60 mph	3.2 s
0 – 100 km/h	3.4 s
0 – 160 km/h	7.1 s
0 – 200 km/h	10.9 s

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## FUEL AND EMISSIONS

Emissions standard	Euro 6d ISC-FCM (EU6 AP)
Fuel type	Super Plus (98 RON)
Fuel consumption (NEDC)	
Urban	17.4 l/100 km
Extra-urban	9.3 l/100 km
Combined	12.3 l/100 km
CO <sub>2</sub> emissions (NEDC)	
Combined	281 g/km
Fuel consumption (WLTP)	
Combined	13.2 l/100 km
CO <sub>2</sub> emissions (WLTP)	
Combined	299 g/km
Efficiency class (Germany)	G
Tank capacity (optional)	54 l (90 l)

## AERODYNAMICS

Drag coefficient ( $c_d$ )	0.33
Cross-sectional area A	2.033 m <sup>2</sup>
$c_d \times A$	0.671 m <sup>2</sup>