

# 718 Spyder RS

## Fuel and emissions

Fuel type	Super Plus (98 RON)
Fuel consumption combined (WLTP)	13.0 l/100 km
CO <sub>2</sub> emissions combined (WLTP)	294 g/km
Emissions standard	EU6 AP
Fuel tank capacity (optional)	54 l (90 l)

## 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	368 kW (500 PS)
at engine speed	8,400 1/min
Maximum torque	450 Nm
at engine speed	6,750 1/min
Specific output	92 kW/l (125 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 plastic intake manifold with two switchable tuning flaps and six individual throttle valves
Oil supply	Dry-sump lubrication with a separate engine oil tank and fully variable oil pressure pump with seven-stage suction, 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); Porsche Torque Vectoring (PTV) incl. mechanical limited-slip differential
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	4.17

## Chassis

Suspension and damping	Track-ready suspension with Spyder RS-specific damper tuning; configurable for circuit use (track, camber, anti-roll bars); electronically controlled Porsche Active Suspension Management (PASM) damping system with sports tuning and two manually selectable modes; lowered by 30 millimetres
Front axle	MacPherson spring strut front axle with lightweight springs (including helper springs), anti-roll bar, ball joints for all suspension bushes
Rear axle	MacPherson spring 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	17.0:1 (centre position) to 11.3:1
Steering wheel diameter	360 mm
Turning circle diameter	11.4 m
Vehicle stability system	Porsche Stability Management (PSM) including anti-lock braking system (ABS) with extended braking functions, can be switched off in two stages (ESC OFF and ESC+TC OFF)

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## Brakes

Brake system	Dual-circuit brake system split by axle; vacuum brake booster; brake assist; electric duo-servo parking brake
Front brakes	Six-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake bells
Diameter	408 mm
Thickness	36 mm
Rear brakes	Four-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake bells
Diameter	380 mm
Thickness	30 mm

## Wheels and tyres

Front wheels and tyres	8.5 J × 20 ET 61 with 245/35 ZR 20 95Y XL sport tyres
Rear wheels and tyres	11.0 J × 20 ET 50 with 295/30 ZR 20 101Y XL sport tyres

## Dimensions

Length	4,418 mm
Width (including exterior mirrors)	1,822 mm (1,994 mm)
Height	1,252 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 / 120 l
Unladen weight (DIN)	1,410 kg
Permissible gross weight	1,755 kg
Weight-to-power ratio	3.8 kg/kW (2.8 kg/PS)

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## Performance

Top speed	308 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

## Aerodynamics

Drag coefficient ( $c_d$ )	0.34
Cross-sectional area A	1.97 m <sup>2</sup>
$c_d \times A$	0.67 m <sup>2</sup>