



PORSCHE

Technical Data		718 Spyder RS
Engine		
Engine type	Six-cylinder naturally aspirated boxer engine	
Number of cylinders	6	
Valves / cylinders	4	
Displacement	3,995 cm ³	
Bore	102.0 mm	
Stroke	81.5 mm	
Maximum Performance	414 hp @ 7,600 rpm	
maximum torque	317 lb-ft 5,000 rpm - 6,800 rpm	
Maximum liter output	103.5 hp/l	
Compression ratio	13.0:1	
Maximum speed	8,000 rpm	
Valve control	VarioCam (adjustible cam on inlet and outlet side) and adaptive cylinder control	
Oil supply	Integrated dry sump lubrication and demand-controlled oil pump	
Intake system	Variable intake system with 2 switchable resonance flaps	
Exhaust system	Twin-branch sport exhaust system with 2 tailpipes in black (high gloss)	
Power transmission		
Drive system	Rear-wheel drive	
Transmission	Seven-speed Porsche dual clutch transmission (PDK); Porsche Torque Vectoring (PTV) with mechanical rear differential lock	
Gear ratios		
1st gear	3.91	
2nd gear	2.29	
3rd gear	1.65	
4th gear	1.30	
5th gear	1.08	
6th gear	0.88	
7th gear	0.71	
Reverse gear	3.55	
Overall translation HA	3.62	
Chassis		
Front axle	Lightweight strut axle at the front, stabilizer, some chassis mounts with ball joints	
Rear axle	Enhanced lightweight strut axle at the rear, helper springs, anti-roll bar, some chassis mounts with ball joints	
Suspension and damping	Adjustible sports suspension (toe, camber, anti-roll bars) with ride height lowered by 30 millimeters, Porsche Active Suspension Management (PASM) variable damping system with performance oriented Spyder specific calibration	
steering	Electromechanical direct steering with variable steering ratio	
Steering ratio	17.06: 1 (center position) to 13.15: 1	
Steering wheel diameter	14.1 in	
Turning circle diameter	37.5 ft	
Vehicle stability system	Porsche Stability Management (PSM) including ABS with extended braking functions, can be switched off in 2 stages ("ESC OFF" and "ESC + TC OFF")	
Brakes		
Braking system	Dual-circuit brake system with split axles; Vacuum brake booster; Brake assist; electrically operated duo-servo parking brake	
Brakes front axle	Six-piston aluminum monobloc fixed caliper brakes; Perforated and internally ventilated gray cast iron composite brake discs with aluminum brake hubs	
diameter	380 mm	
thickness	34 mm	
Brakes rear axle	Four-piston aluminum monobloc fixed caliper brakes; Perforated and internally ventilated gray cast iron composite brake discs with aluminum brake pots	
diameter	380 mm	
thickness	30 mm	
Braking system (optional PCCB)		
Brakes front axle	Six-piston aluminum monobloc fixed caliper brakes; Perforated and internally ventilated carbon-ceramic composite brake rotors with aluminum brake hubs	
diameter	410 mm	
thickness	36 mm	
Brakes rear axle	Four-piston aluminum monobloc fixed caliper brakes; Perforated and internally ventilated carbon-ceramic composite brake rotors with aluminum brake hubs	
diameter	390 mm	
thickness	32 mm	
Wheels and tires		
Wheels with tires in front	8.5 J x 20" ET 61 with 245/35 ZR20 (95Y) UHP Tires	
Wheels with rear tires	11 J x 20" ET 50 with 295/30 ZR20 (101Y) UHP Tires	
Dimensions		
length	174.5 in	
Width (with exterior mirrors)	71.9 in	
height	49.6 in	
wheelbase	97.8 in	
Front track	60.6 in	
Rear track	60.4 in	
Luggage compartment volumes and weights		
Luggage space (front)	5.2 cubic feet	
Luggage space (rear)	4.2 cubic feet	
Curb weight	3,273 lbs	
maximum weight allowed	3,858 lbs	
Power to weight ratio	7.90 lbs / hp	
Performance		
Top track speed	186 mph	
Acceleration 0-60 mph	3.7 s	
Fuel economy		
City	18	
Highway	24	
Combined	20	