

Specifications Porsche Boxster Spyder*

Body:	Two-seater roadster with manually operated soft top; lightweight body in aluminum-steel construction with doors, boot and bonnet lids made of aluminum; two-stage driver and front passenger airbags; side and head airbags for driver and front passenger		
Aerodynamics:	Drag coefficient c_d :	0.33	
	Frontal area A:	1.96 m ²	
	$c_d \times A$:	0.65	
Engine:	Water-cooled six-cylinder flat engine; aluminum engine block and cylinder heads; four overhead camshafts; four valves per cylinder; variable intake valve timing and lift (VarioCam Plus); hydraulic valve clearance compensation; gasoline direct injection; one three-way catalytic converter per cylinder bank, each with two oxygen sensors; engine oil 10.1 liters; electronic ignition with solid-state ignition distribution (six active ignition modules); thermal management for coolant circulation.		
	Bore:	102.0 mm	
	Stroke:	77.5 mm	
	Displacement:	3,800 cc	
	Compression ratio:	12.5:1	
	Engine power:	375 hp (276 kW) at 6,700 rpm	
	Max. torque:	420 Nm (309.7 ft lb) at 4,750 – 6,000 rpm	
	Power output per liter:	98.7 hp/l (72.6 kW/l)	
	Max. engine speed:	7,800 rpm	
	Fuel type:	Super Plus	
Electrical system:	12 volt; alternator 2,100 W; battery 60 Ah, 280 A; electrical system recuperation.		

* Specifications may vary according to markets

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Power transmission: Engine and transmission bolted to form one drive unit; rear-wheel drive; six-speed manual transmission with mechanically locking rear differential and Porsche Torque Vectoring (PTV).

Gear ratios

1 st gear	3.31
2 nd gear	1.95
3 rd gear	1.41
4 th gear	1.13
5 th gear	0.95
6 th gear	0.81
Reverse gear	3.00
Final drive ratio	3.89
Clutch diameter	240 mm

Chassis: Front axle: strut suspension (MacPherson type, Porsche optimized) with wheel-guiding strut and wheels independently mounted on transverse and longitudinal control arms; twin-tube gas-pressure dampers; anti-roll bar; electro-mechanical power steering.

Rear axle: wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, Porsche optimized); cylindrical coil springs with coaxial internal dampers; anti-roll bar.

Brakes: Dual-circuit brake system with separate circuits for front and rear axles; Porsche Stability Management (PSM); vacuum brake booster; brake assist; electric duo-servo parking brake; auto-hold function.

Front axle: six-piston aluminum monobloc brake calipers; perforated and internally ventilated brake rotors with 340 mm diameter and 34 mm thickness.

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Rear axle: four-piston aluminum monobloc brake calipers; perforated and internally ventilated brake rotors with 330 mm diameter and 28 mm thickness.

Wheels and tires:	Front	8.5 J x 20	with	235/35 ZR 20
	Rear	10.5 J x 20	with	265/35 ZR 20

Weights:	Curb weight (DIN)	1,315 kg
	Gross vehicle weight rating	1,650 kg

Dimensions:	Length	4,414 mm
	Width	1,801 mm
	Width with door mirrors	1,978 mm
	Height	1,262 mm
	Wheelbase	2,475 mm

Track widths	front	1,526 mm
	rear	1,540 mm

Luggage comp. capacity	front	150 l
	rear	130 l

Fuel tank capacity	54 l (14.26 gal)
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Performance:	Top speed	290 km/h 180 mph
	Acceleration:	
	0 – 100 km/h	4.5 s
	0 – 200 km/h	14.8 s
	0 – 60 mph	4.3 s
	1/4 mile	12.7 s

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Fuel consumption: (NEDC)	Combined	9.9 l/100 km
	Urban	14.2 l/100 km
	Extra-urban	7.5 l/100 km
CO₂ emissions:	Combined	230 g/km
Emissions class:		Euro 6

Status: April 2015