

Specifications

	718 Boxster	718 Boxster S
Engine		
Type	Flat engine with turbocharging	
No. of cylinders	4	
Valves/cylinder	4	
Displacement	1,988 cm ³	2,497 cm ³
Bore	91.0 mm	102.0 mm
Stroke	76.4 mm	
Max. power output	220 kW (300 hp)	257 kW (350 hp)
at engine speed	6,500 rpm	
Max. torque	380 Nm	420 Nm
at engine speed	1,950 – 4,500 rpm	1,900 – 4,500 rpm
Max. output per litre	111 kW/l (151 hp/l)	103 kW/l (140 hp/l)
Compression ratio	9.5:1	
Maximum engine speed	7,500 rpm	
Cooling system	Water cooling with thermal management and switchable water pump	
Valve control	Camshaft adjustment and VarioCam Plus valve stroke switching for intake and exhaust	
Oil supply	Integrated dry sump lubrication and demand-controlled oil pump	
Engine charging	Mono turbocharging	Mono turbocharging with VTG
Intercooling	Indirect intercooling (two low-temperature air-water radiators and a water intercooler)	
Exhaust system	Dual-branch exhaust system with central stainless steel tailpipe	Dual-branch exhaust system with central stainless steel dual tailpipes
Emission control system	Two three-way catalytic converters and on-board diagnostics for monitoring the emission control system	
Fuel management	Petrol Direct Fuel Injection (DFI)	
Drive system	Mid-engine, rear-wheel drive	

Specifications may vary in individual markets

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Power transmission		
Transmission	Six-speed manual transmission with single-disc clutch and dual-mass flywheel; optional seven-speed Doppelkupplungsgetriebe (PDK)	
Clutch diameter	Manual 240 mm; PDK 202/153 mm	
Gear ratios	Manual / PDK	
1 st gear	3.31/3.91	
2 nd gear	1.95/2.29	
3 rd gear	1.41/1.65	
4 th gear	1.13/1.30	
5 th gear	0.95/1.08	
6 th gear	0.81/0.88	
7 th gear	- /0.62	
Reverse gear	3.00/3.55	
Rear axle	3.89/3.62	
Chassis		
Front axle	Lightweight spring-strut suspension (McPherson type)	
Rear axle	Lightweight MacPherson suspension	
Steering	Electromechanical power steering with variable steering ratio and steering pulse input	
Steering ratio	15.0:1 (centre position) to 12.4:1	
Steering wheel diameter	375 mm	
Turning circle diameter	10.98 m	
Driving stability system	Porsche Stability Management (PSM) incl. ABS with extended brake functions	

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Brakes		
Brake system	Four-piston aluminium monoblock fixed calliper brakes, front and rear	Four-piston aluminium monoblock fixed calliper brakes, front and rear
Brake discs, front axle	Grey cast iron; internally vented and perforated	
Diameter	330 mm	
Thickness	28 mm	34 mm
Brake discs, rear axle	Grey cast iron; internally vented and perforated	
Diameter	299 mm	
Thickness	20 mm	
Wheels and tyres		
Wheels with tyres, front	8 J x 18 ET 57 with 235/35 ZR 18 tyres	8 J x 19 ET 57 with 235/40 ZR 19 tyres
Wheels with tyres, rear	9.5 J x 18 ET 49 with 265/45 ZR 18 tyres	10 J x 19 ET 45 with 265/40 ZR 19 tyres
Dimensions		
Length	4,379 mm	
Width (with door mirrors)	1,801 mm (1,994 mm)	
Height	1,281 mm	1,280 mm
Wheelbase	2,475 mm	
Track width, front (for wheel size)	1,515 mm (18")	1,515 mm (19")
Track width, rear (for wheel size)	1,532 mm (18")	1,540 mm (19")
Luggage volumes and weights		
	Manual/PDK	
Luggage volumes	275 l (front 150 l, rear 125 l)	
Unladen weight (DIN)	1,335/1,365 kg	1,355/1,385 kg
Allowable gross weight	1,655/1,685 kg	1,665/1,695 kg
Weight-to-power ratio	4.5/4.6 kg/hp	3.9/4.0 kg/hp

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Performance		
	Manual/PDK	
Top speed	275/275 km/h 171/171 mph	285/285 km/h 177/177 mph
Acceleration		
0-60 mph	4.9/4.7 s	4.4/4.2 s
0-60 mph with Sport+	- /4.5 s	- /4.0 s
0-100 km/h	5.1/4.9 s	4.6/4.4 s
0-100 km/h with Sport+	- /4.7 s	- /4.2 s
0-160 km/h	11.3/11.1 s	9.7/9.5 s
0-160 km/h with Sport+	- /10.8 s	- /9.2 s
0-200 km/h	18.3/18.1 s	15.2/15.0 s
0-200 km/h with Sport+	- /17.8 s	- /14.7 s
Fuel and emissions		
	Manual/PDK	
Emissions standard	EURO 6	
Fuel type	Super Plus (98 RON)	
Fuel consumption		
Urban	9.9/9.0 l/100 km	10.7/9.5 l/100 km
Extra-urban	6.0/5.7 l/100 km	6.5/6.0 l/100 km
Combined	7.4/6.9 l/100 km	8.1/7.3 l/100 km
CO₂-emissions		
Combined	168/158 g/km	184/167 g/km
Efficiency class in Germany	E/D	F/E
Fuel tank capacity	54 l	64 l
Aerodynamics		
Drag coefficient c_d	0.31	0.32
Frontal area A	1.99 m ²	
c_d x A:	0.62	0.64