



Technical Specifications

Boxster

Boxster S

Engine

Engine Concept	Water-cooled, mid-mounted, 6-cylinder boxer engine	Water-cooled, mid-mounted, 6-cylinder boxer engine
Construction	Aluminum block and heads	Aluminum block and heads
Valvetrain	Four overhead camshafts; four valves per cylinder; valve timing and valve stroke variable on the intake side (VarioCam Plus); hydraulic valve play compensation	Four overhead camshafts; four valves per cylinder; valve timing and valve stroke variable on the intake side (VarioCam Plus); hydraulic valve play compensation
Intake System	Direct fuel injection	Direct fuel injection
Lubrication	Integrated dry sump system; 10.67 quarts (10.1 liters) engine oil	Integrated dry sump system; 10.67 quarts (10.1 liters) engine oil
Management	Continental SDI 9	Continental SDI 9
Electrical System	12 V, 2100 W alternator; battery capacity 70 Ah	12 V, 2100 W alternator; battery capacity 70 Ah
Fuel	Premium unleaded	Premium unleaded
Bore	89.0 mm	99.0 mm
Stroke	72.5 mm	77.5 mm
Displacement	2,706 cm ³	3,436 cm ³
Maximum Horsepower	265 hp at 6,700 rpm	315 hp at 6,700 rpm
Maximum Torque	206.5 lb.-ft. at 4,400 - 6,500 rpm	266 lb.-ft. at 4,500 - 5,800 rpm
Compression ratio	12.5:1	12.5:1
Engine redline	7,800	7,800
Output per liter	98.0 hp	91.8hp
Drivetrain	Rear-wheel drive	Rear-wheel drive
Power unit	Engine and transmission bolted into single drive unit	Engine and transmission bolted into single drive unit

Transmission

Manual transmission	6-speed	6-speed
Automatic transmission	7-speed PDK	7-speed PDK
Ratios (PDK in parentheses)		
1st	3.67 (3.91)	3.31 (3.91)
2nd	2.05 (2.29)	1.95 (2.29)
3rd	1.46 (1.65)	1.41 (1.65)
4th	1.13 (1.30)	1.13 (1.30)
5th	.97 (1.08)	.95 (1.08)
6th	.84 (.88)	.81 (.88)
7th	(0.62)	(0.62)
Reverse	3.33 (3.55)	3.0 (3.55)
Final Drive Ratio	3.89	3.89
Clutch diameter	Manual: 9.45 in. (dual-mass flywheel). 7-speed PDK: 7.95/6.02 in.	Manual: 9.45 in. (dual-mass flywheel). 7-speed PDK: 7.95/6.02 in.
Body	Monocoque lightweight body in a combination of steel and aluminum	Monocoque lightweight body in a combination of steel and aluminum



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Chassis

Drag Coefficient	0.3	0.31
Front Suspension	McPherson axle (optimised to Porsche requirements) 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	McPherson axle (optimised to Porsche requirements) 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 Suspension	Wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, optimised to Porsche requirements); with coaxial vibration dampers mounted inside cylindrical coil springs; anti-roll bar	Wheels independently guided on transverse control arms with longitudinal control arms, tie rods and suspension struts (McPherson type, optimised to Porsche requirements); with coaxial vibration dampers mounted inside cylindrical coil springs; anti-roll bar
Steering Ratio	16,5:1 (center position) to 12,37:1 (variable)	16,5:1 (center position) to 12,37:1 (variable)
Turning Circle	36 ft	36 ft
Brakes	Front internally vented discs, 12.4 x 1.1-in; Rear internally vented discs, 11.77 x 0.80-inch discs, 4-piston aluminum monobloc calipers front/rear	Front internally vented discs, 13.0 x 1.1-in; Rear internally vented discs, 11.77 x 0.80-inch discs, 4-piston aluminum monobloc calipers front/rear
Wheels	8Jx18 Front, 9Jx18 Rear	8Jx19 Front, 9,5Jx19 Rear
Tires	235/45 ZR 18 Front, 265/45 ZR 18 Rear	235/40 ZR 19 Front, 265/40 ZR 19 Rear

Dimensions

Wheelbase	97.4 in.	97.4 in.
Overall length	172.2 in.	172.2 in.
Width (w/ mirrors)	70.9 in. (77.9 in.)	70.9 in. (77.9 in.)
Front track	60.1 in.	60.1 in.
Rear track	60.5 in.	60.6 in.
Legroom*	TBD	TBD
Headroom	TBD	TBD
Height	50.1	50
Curb weight w/ manual	2,888 lbs.	2,910 lbs.
Curb weight w/ PDK	2,954 lbs.	2,976 lbs.
Luggage capacity front	5.3 cu. ft.	5.3 cu. ft.
Luggage capacity rear	4.6 cu. ft.	4.6 cu. ft.
Fuel tank capacity	16.9 gal	16.9 gal
Payload	739 lbs.	739 lbs.

Fuel Consumption (mpg)

City (manual/PDK)	20/22	20/21
Highway (manual/PDK)	30/32	28/30
Combined (manual/PDK)	24/26	23/24

Performance

0-60 (manual; PDK; Sport Chrono PDK)	5.5 s; 5.4 s; 5.2 s	4.8 s; 4.7 s; 4.5 s
Top track speed manual (PDK)	164 mph (162,8 mph)	173,4 mph (172,1 mph)

* Interior Length: Driver's Side: from depressed clutch pedal to the hip point of seat