

2010 Models

Specifications

	Boxster	Boxster S
Engine Concept	Horizontally opposed, mid-mounted six-cylinder	
Construction	Aluminium engine block and cylinder head	
Valvetrain	Four overhead camshafts, four valves per cylinder, variable intake valve timing and lift control (VarioCam Plus), hydraulic valve play compensation	
Intake System	Sequential Multipoint Fuel Injection	Direct Fuel Injection (DFI)
Lubrication	Integrated dry-sump lubrication	
Management	Electronic engine management (Motronic ME7.8)	
Electrical System	12-volt, 2100-watt alternator, 60Ah battery	12-volt, 2100-watt alternator, 70Ah battery
Fuel	Premium Unleaded	
Bore	3.5 in. (88 mm)	3.8 in. (97 mm)
Stroke	3.1 in. (77.5 mm)	
Displacement	2893 (2.9l)	3436 (3.4l)
Max. Horsepower	255 @ 6400	310 @ 6400
Max. torque (lb.ft.)	214 @ 4400-6000	266 @ 4400-5500
Engine redline	7500	
Compression ratio	11.5:1	12.5:1
Output per liter	88.1 hp/l	90.2 hp/l
Drivetrain	rear-wheel drive	
Power unit	Engine and transmission bolted together to form common drive unit, engine power transmitted via driveshafts	

Gearbox	Manual	PDK	Manual	PDK
Gear Ratios				
1	3.667	3.909	3.308	3.909
2	2.050	2.292	1.950	2.292
3	1.407	1.654	1.407	1.654
4	1.133	1.303	1.133	1.303
5	0.972	1.081	0.950	1.081
6	0.841	0.881	0.081	0.881
7	-	0.617	-	0.617
R	3.333	3.545	3.000	3.545
Final Drive	3.875	3.250	3.889	3.250
Body	Two-seat roadster, monocoque structure, lightweight, hot-galvanized all-steel body shell			
Drag Coefficient	0.29	0.30	0.30	0.31
Front Suspension	Independent MacPherson struts with aluminum control arms, coil springs, stabilizer bar and negative steering-roll radius			
Rear Suspension	Independent MacPherson struts with aluminum control arms and stabilizer bar; toe-angle control			
Brakes	Four-piston monobloc, aluminum fixed calipers front and rear, discs internally vented and cross-drilled			
Front Brake Discs	12.52 in. (318 mm)			
Rear Brake Discs	11.77 in. (299 mm)			
Wheels and Tires				
Front	7.0J x 17" / 205/55		8J x 18" / 235/40	
Rear	8.5J x 17" / 235/50		9J x 18" / 265/40	
Exterior Dimensions				
Front Track	58.7 in. (1490 mm)		58.5 in. (1486 mm)	
Rear Track	60.4 in. (1534 mm)		60.2 in. (1528 mm)	
Wheelbase	95.1 in. (2415 mm)			
Length	172.1 in. (4372 mm)			
Width	70.9 in. (1801 mm)			
Height (w/PASM)	50.9 in./1292 mm (50.5 in./1282 mm)		50.9 in./1294 mm (50.6 in./1284 mm)	

Turning Circle	36.4 ft (11.1 m)			
Ground Clearance (with PASM)	5.0 in., 127 mm (4.6 in., 117 mm)		4.8 in., 123 mm (4.4 in., 113 mm)	
Interior Dimensions				
Headroom	37.6 in. (955 mm)			
Legroom	33.5 in. (850 mm)			
Shoulder Room	51.5 in. (1308 mm)			
Elbow Room	53.4 in (1355 mm)			
Luggage Capacity	9.9 cu.ft. total (280 liters)			
Front Trunk	5.3 cu.ft.(150 liters)			
Rear Trunk	4.6 cu.ft. (130 liters)			
Fuel Tank Capacity	16.9 gal (64 liters)			
Curb Weight	Manual	PDK	Manual	PDK
[lbs.]	2943	3009	2987	3042
Fuel economy city/hwy [mpg]	19/27	20/29	19/26	20/29
Top Track Speed	163 mph	162 mph	170 mph	169 mph
Acceleration				
0-60 mph	5.6 sec.	5.5 sec.	5.0 sec.	4.9 sec.
0-60 mph PDK w/Sport Chrono Package Plus	5.3 sec.		4.7 sec.	