

BMW

U.S. Press Information

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Technical Data.

2011 BMW Z4 sDrive35is Roadster.

Z4 sDrive35is

Roadster

Preliminary

7 Speed DCT

12.14.2009

Body		
No of doors / seats	-	2 / 2
Vehicle Length	mm / inch	4244 / 167.0
Vehicle Width	mm / inch	1790 / 70.5
Vehicle Height, Unloaded	mm / inch	1291 / 50.8
Wheelbase	mm / inch	2496 / 98.3
Turning Circle	m / ft	10.7 / 35.1
Track, Front	mm / inch	1511 / 59.5
Track, Rear	mm / inch	1559 / 61.4
Width at Shoulderheight, Front	mm / inch	1354 / 53.3
Width at Shoulderheight, Rear	mm / inch	- / -
Effective Leg Room, Front	mm / inch	1072 / 42.2
Effective Leg Room, Rear	mm / inch	- / -
Effective Head Room, Front	mm / inch	992 / 39.1
Effective Head Room, Rear	mm / inch	- / -
Trunk Volume acc SAE1100 (roof up)	ft³	8
Fuel Capacity	L / gal	55 / 14.5
Curb Weight	kg / lbs	1610 / 3549
Weight Distribution, Front / Rear	%	49.3 / 50.7
Gross Vehicle Weight Rating (GVWR)	kg / lbs	1895 / 4178
Payload	kg / lbs	255 / 683
Axle Load Limit, Front	kg / lbs	870 / 1918
Axle LoadLimit, Rear	kg / lbs	1030 / 2271
Towing Capacity	kg / lbs	- / -
Roof Load Limit	kg / lbs	- / -
Drag coefficient	Cd	0.35
Drag Cd x A	m² / ft²	0.69 / 7.38

Engine

Engine Type / Cylinder / Valves per Cylinder	-	Inline / 6 / 4 VANOS
Engine Management System	-	MSD81 Direct Injection
Induction System	-	twin turbo
Displacement	cm³ / inch³	2979 / 181.8
Stroke	mm / inch	89.6 / 3.53
Bore	mm / inch	84 / 3.31
Power	SAE hp / 1/min	335 / 5900
Torque	ft lbs(Nm) / 1/min	332+37* (450+50*) / 1500
Compression ratio / Fuel type	-	10.2 / Premium

Chassis and Suspension

Codification of reference gearbox	-	DKG 436
Gear Ratio	I	4.78
	II	3.056
	III	2.153
	IV	1.678
	V	1.39
	VI	1.203
	VII	1
Reverse ratio	-	4.454
Final drive ratio	-	2.56
Steering type / ratio	-	Rack-and-pinion / 14.4
Brake front / diameter	- / mm / inch	Vent. Disc / 348 / 13.7
Brake rear / diameter	- / mm / inch	Vent. Disc / 324 / 12.8
Tire Type, Front	-	225/45 R17 91V RSC
Tire Type, Rear	-	255/40 R17 94V RSC
Wheels, Front	-	8J x 17 Light alloy
Wheels, Rear	-	8.5J x 17 Light alloy
Wheel Offset, Front / Rear	mm	29 / 40

Performance

Top Speed	km/h / mph	250 / 155
Top Speed with Sport Package	km/h / mph	na
Acceleration 0-60 mph	s	4.7
Acceleration 0-100 Km/h	s	5.0
Fuel Consumption City	mpg	tba
Fuel Consumption Highway	mpg	tba
Fuel Consumption Combined	mpg	tba
Approximate Range	km / miles	tba