



3/2013

Valid from
3/2013

BMW Z4 sDrive18i		
Body		
No of doors / seats		2 / 2
Length/width/height (unladen)	mm	4239 / 1790 / 1291
Wheelbase	mm	2496
Track, front / rear	mm	1511 / 1562
Ground clearance	mm	130
Turning circle	m	10.7
Tank capacity	app ltr	55
Cooling system incl heater	ltr	8.2 (8.5)
Engine oil ¹⁾	ltr	5.75
Weight, unladen, to DINEU	kg	1395 / 1470 (1420 / 1495)
Payload (DIN)	kg	330
Permitted total weight	kg	1725 (1750)
Permitted axle load, front/rear	kg	795 / 975
Luggage compartment capacity	ltr	180 - 310
Air drag	cd x A	0.34 x 1.96
Power Unit		
Config/No of cyls/valves		inline / 4 / 4
Engine technology		BMW TwinPower Turbo technology with twin-scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve control and Double-VANOS variable camshaft control
Capacity, effective	cc	1997
Stroke / bore	mm	90.1 / 84.0
Compression ratio	:1	10.0
Fuel		min RON 91
Max output	kW/hp	115 / 156
at	rpm	5000
Max torque	Nm	240
at	rpm	1250 – 4400
Electrical System		
Battery/location	Ah-	70 / luggage comp
Alternator	A/W	170 / 2380
Driving Dynamics and Safety		
Suspension, front		Double wishbone spring strut tiebar axle in aluminium with displaced castor, small positive steering roll radius, compensation of lateral forces, anti-dive
Suspension, rear		Central arm axle, separate springs and dampers, anti-squat and anti-dive
Brakes, front		Single-piston floating-calliper disc brakes
Diameter	mm	300 x 24 / vented
Brakes, rear		Single-piston floating-calliper disc brakes
Diameter	mm	300 x 20 / vented
Driving stability systems		Standard: DSC incl ABS and DTC Dynamic Traction Control, CBC Cornering Brake Control, DBC Dynamic Brake Assistant, Dry Braking, Fading Compensation
Safety equipment		Standard: airbags for driver and passenger, seat-integrated side airbags for driver and passenger, three-point inertia-reel seat belts with belt latch tensioners and belt force limiters, crash sensors, Tyre Defect Indicator
Steering		EPS Electric Power Steering, optional: Servotronic
Steering transmission, overall	:1	14.4
Tyres, front/rear		225/45 R17 91W RSC
Rims, front/rear		8J x 17 light-alloy

Specifications BMW Z4.

BMW Z4 sDrive18i

BMW ConnectedDrive

Comfort	Optional: BMW Assist including Enquiry Service, remote-control function, Real Time Traffic Information, BMW Teleservices, integration of mobile devices
Infotainment	Optional: access to the internet, BMW Online including features such as Parkinfo, National Info, Google directory service, News, realtime weather, BMW Routes, office functions, Bluetooth Audio Streaming, online music title update, Apps
Safety	Optional: Adaptive Headlights, High-Beam Assistant, Park Distance Control, cruise control with brake function, Automatic/Enhanced Emergency Call

Transmission

Type of transmission	Six-speed manual (optional: eight-speed automatic)		
Gear ratios	I	:1	3.683 (4.714)
	II	:1	2.062 (3.143)
	III	:1	1.313 (2.106)
	IV	:1	1.000 (1.667)
	V	:1	0.809 (1.285)
	VI	:1	0.677 (1.000)
	VII	:1	– (0.839)
	VIII	:1	– (0.667)
	Reverse	:1	3.348 (3.295)
Final drive		:1	3.727 (3.077)

Performance

Power-to-weight-ratio (DIN unladen)	kg/kW	12.1 (12.3)
Specific power output	kW/l	57.6
Acceleration 0–100 km/h	sec	7.9 (8.1)
Acceleration 0–1,000 m	sec	28.9 (29.4)
Acceleration in 4th/5th gear	80–120 km/h sec	6.9 / 9.0 (–)
Max. speed	km/h	221 (220)

BMW EfficientDynamics

BMW EfficientDynamics standard features	Brake Energy Regeneration, EPS Electric Power Steering, Auto Start Stop function, gearshift point indicator (manual models), intelligent lightweight construction, on-demand operation of ancillary units, map-controlled oil pump, detachable a/c compressor, tyres with reduced roll resistance
---	---

Fuel Consumption in EU

Urban	l/100 km	8.9 (9.4)
Extra-urban	l/100 km	5.6 (5.3)
Combined	l/100 km	6.8 (6.8)
CO ₂	g/km	159 (159)
Emission rating		EU6

Specifications applicable to ACEA markets/homologation data applicable in part only to Germany (weight).
Figures in brackets apply to automatic transmission models.

¹⁾ Oil change