

Specifications BMW Z4.

Z4 sDrive35i, Z4 sDrive35is



	BMW Z4 sDrive35i		BMW Z4 sDrive35is
Body			
No of doors / seats		2 / 2	2 / 2
Length/width/height (unladen)	mm	4239 / 1790 / 1291	4244 / 1790 / 1284
Wheelbase	mm	2496	2496
Track, front/rear	mm	1511 / 1537	1511 / 1537
Ground clearance	mm	124	124
Turning circle	m	10.7	10.7
Tank capacity	app ltr	55	55
Cooling system incl heater	ltr	8.2 (8.5)	8.5
Engine oil ¹⁾	ltr	6.5	6.5
Weight, unladen, to DIN/EU	kg	1505 / 1580 (1525 / 1600)	1525 / 1600
Max load to DIN	kg	330	330
Max permissible	kg	1835 (1855)	1855
Max axle load, front/rear	kg	870 / 1000	870 / 1000
Luggage comp capacity	ltr	180-310	180-310
Air drag	cd x A	0.35 x 1.96	0.35 x 1.96
Power Unit			
Config/No of cyls/valves		Straight-six / 4	Straight-six / 4
Engine technology		BMW Twin Turbo, second-generation direct fuel injection (High Precision Injection)	BMW Twin Turbo, second-generation direct fuel injection (High Precision Injection)
Capacity, effective	cc	2979	2979
Stroke / bore	mm	89.6 / 84.0	89.6 / 84.0
Compression ratio	:1	10.2	10.2
Fuel		min RON 95	min RON 95
Max output	kW/hp	225 / 306	250 / 340
at	rpm	5800	5900
Max torque	Nm/lb-ft	400/295	450 + 50 ²⁾ /332 + 37
at	rpm	1300-5000	1500
Electrical System			
Battery/location	Ah/-	70 / luggage comp	70 / luggage comp
Alternator	A/W	170 / 2380	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: Adaptive M Suspension with electronically controlled dampers	
Suspension, rear		Central arm axle, separate springs and dampers, anti-squat and anti-dive: Adaptive M Suspension with electronically controlled dampers	
Brakes, front		Single-piston frame-calliper disc brakes	
Diameter	mm	348 x 30 / vented	348 x 30 / vented
Brakes, rear		Single-piston swing-calliper disc brakes	
Diameter	mm	324 x 20 / vented	324 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, Start-Of Assistant	
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 tensions and belt force limiters, crash sensors, Tyre Defect Indicator	
Steering		EPS Electric Power Steering, optional: Servotronic	
Steering transmission, overall	:1	14.4	14.4
Tyres, front/rear		225/40 R18 88W RSC / 255/35 R18 90W RSC	225/40 R18 88W RSC / 255/35 R18 90W RSC
Rims, front/rear		8J/8.5J x 18 light-alloy	8J/8.5J x 18 light-alloy

	BMW Z4 sDrive35i		BMW Z4 sDrive35is	
BMW ConnectedDrive				
Comfort	Optional: BMW Assist including Enquiry Service, remote-control function and V-Info+, BMW TeleServices, integration of mobile terminal			
Infotainment	Optional: access to the internet, BMW Online including features such as Parkinfo, National Info, Google directory service, News, realtime weather, office functions, BMW Routes and online music title update			
Safety	Optional: Adaptive Headlights, High-Beam Assistant, Park Distance Control, cruise control with brake function, Automatic/Enhanced Emergency Call			
Transmission				
Type of transmission	BMW Z4 sDrive35i: six-speed manual (optional: seven-speed double-clutch gearbox). BMW Z4 sDrive35is: seven-speed double-clutch gearbox			
Gear ratios	I	:1	4.055 (4.780)	4.780
	II	:1	2.396 (3.056)	3.056
	III	:1	1.582 (2.153)	2.153
	IV	:1	1.192 (1.678)	1.678
	V	:1	1.000 (1.390)	1.390
	VI	:1	0.872 (1.203)	1.203
	VII	:1	(1.000)	1.000
	Reverse	:1	3.677 (4.454)	4.454
Final drive		:1	3.077 (2.563)	2.563
Performance				
Power-to-weight-ratio	kg/kW		6.7 (6.8)	6.1
Output per litre	kW/hp		75.5/102.7	83.9/114.1
Acceleration	0-100 km/h	sec	5.2 (5.1)	4.8
	standing-start km	sec	24.4 (24.2)	23.8
In 4th/5th/gear	80-120 km/h	sec	4.9 / 5.7 (-)	-
Top speed	km/h		250 (250)	250
BMW EfficientDynamics				
BMW EfficientDynamics standard features	Brake Energy Regeneration, EPS Electric Power Steering, Gearshift Point Indicator (manual models), tyres with reduced roll resistance, intelligent lightweight construction, on-demand operation of ancillary units, map-controlled oil pump			
Fuel Consumption in EU Cycle				
Urban	l/100k		13.5 (12.6)	12.6
Extra-urban	l/100k		7.0 (6.9)	6.9
Combined	l/100k		9.4 (9.0)	9.0
CO ₂	g/km		219 (210)	210
Emission rating			EU5	EU5

¹⁾ Oil change

²⁾ Temporary, with Overboost