

Specifications. BMW 3 Series Sedan. 325d



BMW 325d		
Body		
No. of doors/seats		4 / 5
L/W/H ¹⁾ (unladen)	mm	4624 / 1811 / 1429
Wheelbase	mm	2810
Front/rear track	mm	1531 / 1572
Ground clearance	mm	140
Turning circle	m	11.3
Fuel capacity	approx. l	57
Cooling and heating system reservoir capacity	l	7.0
Engine oil capacity ²⁾	l	5.2
Weight, unladen (DIN/EU)	kg	1475 / 1550
Payload (DIN)	kg	550
Permitted total weight	kg	2025
Permitted axle load, front/rear	kg	945 / 1155
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750
Permitted roof load/trailer download	kg	75 / 75
Luggage compartment capacity	l	480
Aerodynamic drag	c _d x A	0.29 x 2.20
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology	BMW TwinPower Turbo technology: multi-stage charging with two turbochargers, common-rail direct fuel injection with piezo injectors, maximum injection pressure 1800 bar	
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	160 / 218
at rpm	min ⁻¹	4400
Torque	Nm	450
at rpm	min ⁻¹	1500 – 2500
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	180 / 2520
Driving Dynamics and Safety		
Front suspension	Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, transverse force compensation, anti-dive	
Rear suspension	Five-link axle in lightweight construction	
Front brakes	Single-piston swing-calliper disc brakes	
Rear brakes	Single-piston swing-calliper disc brakes	
Driving stability systems	As standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist	
Safety equipment	As standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags, front and rear head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre defect indicator	
Steering	Electromechanical rack-and-pinion power steering (EPS) with Servotronic function, optional: Variable Sport Steering	
Overall steering ratio	:1	15.1
Front/rear tyres		225/50 R17 94W RSC
Front/rear wheels		7.5J x 17 light-alloy

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BMW ConnectedDrive			
Comfort		Optional: BMW Assist including information service, remote functions, Real Time Traffic Information, BMW TeleServices, mobile device integration	
Information and entertainment		Optional: Internet connectivity, BMW Online including parking information, country information, Google business search, news, real-time weather, BMW Routes, office functions, Bluetooth audio streaming, online music title update, apps	
Safety		Optional: Adaptive Headlights with turning lights, variable light distribution and adaptive headlight range adjustment, high beam assistance, park distance control, rear view camera, Surround View incl. Side View and Top View, BMW Head-Up Display, cruise control with brake function, Parking Assistant, Lane Change Warning, Lane Departure Warning with Collision Warning, speed limit and no passing information, Active Protection, extended emergency call	
Transmission			
Type of gearbox		6-speed manual	
Gear ratios	I	:1	4.110
	II	:1	2.248
	III	:1	1.403
	IV	:1	1.000
	V	:1	0.802
	VI	:1	0.659
	R	:1	3.727
Differential ratio		:1	3.462
Performance			
Weight-to-power ratio (DIN unladen)		kg/kW	9.2
Specific power output		kW/l	80.2
Acceleration	0–100 km/h	sec.	6.8
	0–1,000 m	sec.	26.5
in 4th/5th gear	80–120 km/h	sec.	5.3 / 6.9
Max. speed		km/h	245
BMW EfficientDynamics			
BMW EfficientDynamics Features included as standard		Brake Energy Regeneration, electromechanical power steering, Automatic Start/Stop function, gear shift indicator, ECO PRO mode, intelligent lightweight construction, on-demand operation of ancillary units, map-regulated oil pump, air flap control, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance	
Fuel consumption (EU)			
Urban		l/100 km	6.2
Extra-urban		l/100 km	4.2
Total		l/100 km	4.9
CO ₂ emissions		g/km	129
Emissions standard			EU5

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

- ¹⁾ Height with roof aerial: 1441 mm
²⁾ Oil change volume