

Specifications.

BMW 3 Series Sedan.

325d



BMW 325d		
Body		
No. of doors/seats		4 / 5
L/W/H ¹⁾ (unladen)	mm	4633 / 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
Engine oil capacity ²⁾	l	5.0
Weight, unladen (DIN/EU)	kg	1495 / 1570 (1505 / 1580)
Payload (DIN)	kg	560
Permitted total weight	kg	2055 (2065)
Permitted axle load, front/rear	kg	960 / 1180
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 _c x A	0.28 x 2.20
Engine		
Type/no. of cylinders/valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage charging, high and low pressure turbocharger with variable-geometry, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 2500 bar)
Effective capacity	cc	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	165 / 224
at rpm	min ⁻¹	4400
Torque	Nm	450
at rpm	min ⁻¹	1500 – 3000
Electrical		
Battery charge/location	Ah/-	80 (90) / luggage compartment
Alternator current/output	A/W	150 / 2100
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 floating-calliper disc brakes, vented
Rear brakes		Single-piston floating-calliper disc brakes, vented
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 pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function, optional: Variable Sport Steering
Overall steering ratio	:1	15.0
Front/rear tyres		225/50 R17 94W
Front/rear wheels		7,5J x 17 light alloy

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Transmission

Type of gearbox	6-speed manual (optional: 8-speed Steptronic)		
Gear ratios	I	:1	4.110 (5.000)
	II	:1	2.248 (3.200)
	III	:1	1.403 (2.143)
	IV	:1	1.000 (1.720)
	V	:1	0.802 (1.314)
	VI	:1	0.659 (1.000)
	VII	:1	- (0.822)
	VIII	:1	- (0.640)
	R	:1	3.727 (3.456)
Differential ratio		:1	3.462 (2.813)

Performance

Weight-to-power ratio (DIN unladen)	kg/kW		9.1 (9.1)
Specific power output	kW/l		82.7
Acceleration 0–100 km/h	sec.		6.5 (6.1)
in 5th gear 80–120 km/h	sec.		6.4 (-)
Max. speed	km/h		245 (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 with coasting function (automatic), intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, map-regulated oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption (EU)³⁾

with standard wheels and tyres			
Urban	l/100 km		5.6 (5.0)
Extra-urban	l/100 km		4.0 (4.1)
Total	l/100 km		4.6 (4.4)
CO ₂ emissions	g/km		121 (116)
with 8J x 18 wheels and 225/45 R18 tyres, with 8J x 18 wheels at front, 8,5J x 18 wheels at rear and 225/45 R18 tyres at front, 255/40 R18 tyres at rear, with 8J x 19 wheels at front, 8,5J x 19 wheels at rear and 225/40 R19 tyres at front, 255/35 R19 tyres at rear			
Urban	l/100 km		5.9 (5.4)
Extra-urban	l/100 km		4.3 (4.3)
Combined	l/100 km		4.9 (4.7)
CO ₂ emissions	g/km		129 (124)
Emissions standard			EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany
Figures in brackets are for vehicles with automatic transmission

¹⁾ Height with roof aerial: 1441 mm

²⁾ Oil change volume

³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format