

IMMEDIATE

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2002 BMW 3 SERIES 330 MODELS SPECIFICATIONS

Bold within table indicates new specification relative to corresponding 2001 model.

GENERAL	330i sedan	330xi sedan	330Ci coupe	330Ci convertible
Curb weight, lb.:				
Manual transmission	3285	3483	3285	3616
Automatic transmission	3362	3538	3362	3704
Weight distribution, front/rear, %:				
Manual transmission	50.1/49.9	52.2/47.8	50.1/49.9	48.7/51.3
Automatic transmission	50.6/49.4	52.5/47.5	50.6/49.4	49.4/50.6
Wheelbase, in.	107.3 ¹			
Track, front/rear, in.	57.9/58.4	57.9/58.3	57.9/58.4	57.9/58.4
Length, in.	176.0	176.0	176.7	176.7
Width, in.	68.5	68.5	69.2	69.2
Height, in.	55.7	56.5	53.9	54.0 ²

¹ Specification applies to all models.

BODY	330i sedan	330xi sedan	330Ci coupe	330Ci convertible
Type	Unitized all-steel structure ¹			
Aerodynamic drag coefficient	0.31	0.31	0.32	0.35
EPA size classification	Compact	Compact	Sub-compact	Mini-compact
ACCOMMODATIONS				
Seating capacity, persons	5	5	5	4
Shoulder room, front/rear, in.	54.4/54.2	54.4/54.2	54.5/52.7	54.5/45.9
Head room, front/rear, in.:				
without moonroof	38.4/37.5	38.4/37.5	37.5/36.5	38.0/36.4 ²
with moonroof	37.0/37.4	37.0/37.4	36.3/36.2	NA
Leg room, front/rear, in.	41.4/34.6	41.4/34.6	41.7/33.2	41.7/32.0
EPA interior volume, cu ft.	90.8	90.8	84.4	80.0 ²
EPA cargo volume, cu ft.	10.7 ³	10.7 ³	9.5 ³	7.7 ⁴

² With softtop raised.

³ Can be expanded via folding rear seats (optional sedans, standard coupe, NA convertible).

⁴ With softtop lowered. Volume with softtop raised & variable softtop compartment adjusted is approximately 15% greater.

ENGINE & ELECTRICAL	330i sedan	330xi sedan	330Ci coupe	330Ci conv.
Engine type	DOHC inline 24-valve 6-cylinder, Double VANOS steplessly variable valve timing ¹			
Bore x stroke, mm/in.	84.0 x 89.6 / 3.31 x 3.53 ¹			
Displacement, cc/cu in.	2979/182 ¹			
Compression ratio	10.2.1 ¹			
Power @ rpm, hp	225 @ 5900 ¹			
Torque @ rpm, lb-ft.	214 @ 3500 ¹			
Engine-management system	Siemens MS 43 with knock control (2 sensors); variable valve timing, electronic throttle system, dual resonance intake system, engine cooling & other functions included in control strategy ¹			
Fuel requirement	Premium unleaded ¹			
Fuel capacity, U.S. gal.	16.6 ¹			
Battery capacity, amp-hr.	80 ¹			
Alternator output rating, amp./W	120/1680 ¹			

DRIVETRAIN	330i sedan	330xi sedan	330Ci coupe	330Ci convertible
Drive system	Front engine/ rear-wheel drive	Front engine/ all-wheel drive	Front engine/ rear-wheel drive	Front engine/ rear-wheel drive
Manual transmission	ZF Type C, 5-speed ¹			
Ratios: 1st	4.21:1 ¹			
2nd	2.49:1 ¹			
3rd	1.66:1 ¹			
4th	1.24:1 ¹			
5th	1.00:1 ¹			
Reverse	3.85:1 ¹			
Final drive ratio	2.93:1	3.07:1	2.93:1	3.07:1
Automatic transmission	5-speed STEPTRONIC with Adaptive Transmission Control & selectable Sport mode ¹ :			
	ZF 5 HP 19	GM 5	ZF 5 HP 19	ZF 5 HP 19
Ratios: 1st	3.67:1	3.42:1	3.67:1	3.67:1
2nd	2.00:1	2.22:1	2.00:1	2.00:1
3rd	1.41:1	1.60:1	1.41:1	1.41:1
4th	1.00:1	1.00:1	1.00:1	1.00:1
5th	0.74:1	0.75:1	0.74:1	0.74:1
Reverse	4.10:1	3.03:1	4.10:1	4.10:1
Final drive ratio	3.38:1	3.46:1	3.38:1	3.38:1

CHASSIS	330i sedan	330xi sedan	330Ci coupe	330Ci convertible
Body/frame construction	Unitized steel ¹			
Front suspension	Struts, arc-shaped forged-aluminum lower arms with hydraulic cushion, coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar ¹ 330i sedan & 330Ci coupe std., 330Ci convertible Sport Package: sport suspension calibration			
Rear suspension	Multi-link system with Central Links, upper & lower lateral links (upper link of cast (aluminum), coil springs, twin-tube gas-pressure shock absorbers, anti-roll bar ¹ 330i sedan & 330Ci coupe std., 330Ci convertible Sport Package: sport suspension calibration			
Steering type	Rack & pinion, engine-speed-sensitive power assist ¹			
Overall ratio	13.7:1 ¹			
Turns lock-to-lock	3.0 ¹			
Turning circle, ft.	34.4	35.8	34.4	34.4
4-wheel ventilated disc brakes:				
Diameter, front, mm/in.	325/12.8 ¹			
Diameter, rear, mm/in.	320/12.6 ¹			
Wheels (standard)	Cast alloy, 17 x 7.0 ¹			
Wheels (optional)	Cast alloy, 17 x 7.5 front / 17 x 8.5 rear (Sport Package all except 330xi) Cast alloy, 17 x 7.0 (330xi Sport Pkg., run-flat tire option all models) Cast alloy, 18 x 8.0 front / 18 x 8.5 rear (option requiring Sport Pkg., all except 330xi)			

CHASSIS (cont.)	330i sedan	330xi sedan	330Ci coupe	330Ci convertible
Tires (standard)	All-season, 205/50R-17 V-rated ¹			
Tires (optional)	Performance, 225/45R-17 front / 245/40R-17 rear Z-rated (Sport Pkg. exc. 330xi) Run-flat, 205/50R-17 V-rated ¹ Performance, 225/40R-18 front / 255/35R-18 rear Z-rated (option requiring Sport Package, all except 330xi)			
Stability-enhancement system Automatic	Dynamic Stability Control (DSC), including All Season Traction control, Differential Brake, Dynamic Traction Control , electronic brake proportioning, antilock braking (ABS) & cornering/avoidance-stability enhancement; 330xi (all-wheel-drive) adds 4-wheel traction control & Hill Descent Control			

PERFORMANCE DATA

Acceleration, 0-60 mph, sec., man./auto. ⁵	6.4/7.0	6.9/7.5	6.4/7.0	6.9/7.5
Top speed, mph ⁶	128 ¹			
Fuel economy, EPA est. MPG, city/highway:				
manual transmission	21/30	20/27	21/30	20/28

⁵ BMW AG test results. Actual acceleration results may vary depending on specification of vehicle; road and environmental conditions; testing procedures and driving style. These results should be used for comparison only, and verification should not be attempted on public roads. BMW urges you to obey all posted speed limits and to please wear your safety belt at all times.

⁶ Electronically limited

automatic transmission

19/27

17/25

19/27

18/26