

IMMEDIATE

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Bold indicates new specification for 2000
(for new 323Ci model, relative to 1999 323i; for new 328Ci, relative to 1999 328i)

2000 BMW 3 SERIES SPECIFICATIONS

	323i	323Ci	328i	328Ci
GENERAL				
Curb weight, lb.:				
Manual transmission	3153	3153	3197	3197
Automatic transmission	3213	3213	3256	3256
Weight distribution, front/rear, %:				
Manual transmission	51.0/49.0	51.0/49.0	50.8/49.2	50.8/49.2
Automatic transmission	51.5/48.5	51.5/48.5	51.2/48.8	51.2/48.8
Wheelbase, in.	107.3 ¹			
Track, front/rear, in.	58.3/58.6	57.9/58.2	58.0/58.3	57.9/58.2
Length, in.	176.0	176.7	176.0	176.7
Width, in.	68.5	69.2	68.5	68.5
Height, in.	55.7	54.6	55.7	54.6
BODY				
Type	Unitized all-steel structure ¹			
Aerodynamic drag coefficient	0.31	0.32	0.31	0.32
EPA size classification	Compact	Subcomp.	Compact	Subcomp.
ACCOMMODATIONS				
Seating capacity, persons	5 ¹			
Shoulder room, front/rear, in.	54.4/54.2	54.5/52.7	54.4/54.2	54.5/52.7
Head room, front/rear, in.:				
without moonroof	38.4/37.5	37.5/36.5	38.4/37.5	37.5/36.5
with moonroof	37.0/37.4	36.3/36.2	37.0/37.4	36.3/36.2
Leg room, front/rear, in.	41.4/34.6	41.7/33.2	41.4/34.6	41.7/33.2
EPA interior volume, cu ft.	90.8	84.4	90.8	84.4
EPA cargo volume, cu ft. ²	10.7	9.5	10.7	9.5

ENGINE & ELECTRICAL

Engine type	DOHC inline 24-valve 6-cylinder, Double VANOS steplessly variable valve timing ¹	
Bore x stroke, in./mm	3.31 x 2.95 / 84.0 x 75.0 ³	3.31 x 3.31/ 84.0 x 84.0 ⁴
Displacement, cu in./cc	152/2494 ³	170/2793 ⁴
Compression ratio	10.5:1 ³	10.2:1 ⁴
Power @ rpm, hp	170 @ 5500 ³	193 @ 5500 ⁴
Torque @ rpm, lb.-ft.	181 @ 3500 ³	206 @ 3500 ⁴
Engine-management system	Siemens MS 42 with knock control; variable valve timing, electromechanical 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

Drive system	Front engine/rear drive ¹	
Manual transmission	Getrag Type B+, 5-speed ³	ZF Type C, 5-speed [4]
Ratios: 1st	4.23:1 ³	4.21:1 ⁴
2nd	2.52:1 ³	2.49:1 ⁴
3rd	1.66:1 ³	1.66:1 ⁴
4th	1.22:1 ³	1.24:1 ⁴
5th	1.00:1 ³	1.00:1 ⁴
Reverse	4.04:1 ³	3.85:1 ⁴
Final drive ratio	3.07:1 ³	2.93:1 ⁴
Automatic transmission	GM 5, 5-speed, with Adaptive Transmission Control & selectable Sport mode or STEPTRONIC ^{1,5}	
Ratios: 1st	3.45:1 ¹	
2nd	2.21:1 ¹	
3rd	1.59:1 ¹	
4th	1.00:1 ¹	
5th	0.76:1 ¹	
Reverse	2.00:1 ¹	
Final drive ratio	3.46:1 ¹	

	323i	323Ci	328i	328Ci
CHASSIS				
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			
	Sport Package and coupe models: 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			
	Sport Package and coupe models: sport suspension calibration			
Steering type	Rack & pinion, engine-speed-sensitive power assist ¹			
Overall ratio	15.5:1 ¹			
Turns lock-to-lock	3.4 ¹			
Turning circle, ft.	34.4 ¹			
4-wheel ventilated disc brakes:				
Diam. x thickness, front	11.3 x 0.87 in. ³		11.8 x 0.87-in. ⁴	
Diam. x thickness, rear	10.9 x 0.75 in. ³		11.6 x 0.75 in. ⁴	
Wheels (standard)	Cast alloy , Cast alloy, 16 x 7.0 ⁶			
	15 x 6.5			
Wheels (optional)	Cast alloy ¹ , 15 x 6.5 17 x 8.0 17 x 8.0 17 x 7.5 (F) or 16 x 7.0 17 x 8.5 (R)			
Tires (standard)	All-season ¹ , 195/65R- 205/55R-16 91H ⁶ 15 91H			
Tires (optional)	All-season, Performance, 225/55R- 225/45R-17 91W ⁷ Performance, 16 91H or 245/40ZR-17 (R)			
	Performance, 205/50R- 16 92W			
Stability-enhancement systems	Antilock Braking System (ABS), All Season Traction (AST) & Dynamic Stability Control (DSC)			

	323i	323Ci	328i	328Ci
PERFORMANCE DATA				
Acceleration, 0-60 mph, sec., man./auto. ⁸	7.1/8.2 ³		6.6/7.2 ⁴	
Top speed, mph ^{8,9}	128 ¹			
Fuel economy, EPA est. MPG, city/highway:				
manual transmission	20/29 ³		21/29 ⁴	
automatic transmission	19/27 ^{3, 10}		18/27 ^{4, 10}	

- 1 Specification applies to all models.
 - 2 With rear seats upright.
 - 3 Specification applies to 323i & 323Ci.
 - 4 Specification applies to 328i & 328Ci.
 - 5 STEPTRONIC system of manual shift control on 323Ci & 328Ci from start of production, on 323i & 328i as of 9/99 production.
 - 6 Specification applies to 323Ci, 328i & 328Ci.
 - 7 Specification applies to 323Ci & 328i.
 - 8 BMW of North America, Inc. 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.
 - 9 Electronically limited.
 - 10 As of 9/99 production. Automatic-equipped sedans produced in 6-8/99 will be rated at 19/28 MPG (323i) & 19/27 MPG (328i).
- F Front
R Rear

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