

IMMEDIATE

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2002 BMW 3 SERIES 325 MODELS SPECIFICATIONS

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

GENERAL	325i sedan	325xi sedan	325i sport wagon	325xi	325Ci sport wagon	325Ci coupe
convertible						
Curb weight, lb.:						
Manual transmission	3219	3461	3362	3594	3197	3560
Automatic transmission	3307	3527	3450	3627	3285	3627
Weight distribution, front/rear, %:						
Manual transmission	50.3/49.7	52.6/47.4	47.7/52.3	50.1/49.0	50.4/49.6	48.9/51.1
Automatic transmission	50.9/49.1	53.0/47.0	48.4/51.6	50.0/50.0	51.1/48.9	49.2/50.8
Wheelbase, in.	107.3 ¹					
Track, front/rear, in.	57.9/58.4	57.9/58.3	57.9/58.4	57.9/58.3	57.9/58.4	57.9/58.4
Length, in.	176.0	176.0	176.3	176.3	176.7	176.7
Width, in.	68.5	68.5	68.5	68.5	69.2	69.2
Height, in.	55.7	56.5	55.5	56.3	53.9	54.0 ²

¹ – Specification applies to all models.

² – With softtop raised.

BODY	325i sedan	325xi sedan	325i sport wagon	325xi	325Ci sport wagon	325Ci coupe
convertible						
Type	Unitized all-steel structure ¹					
Aerodynamic drag coefficient	0.31	0.31	0.32	0.32	0.32	0.35
EPA size classification	Compact	Compact	Small station wagon	Small station wagon	Sub- compact	Mini- compact
ACCOMMODATIONS						
Seating capacity, persons	5	5	5	5	5	4
Shoulder room, front/rear, in.	54.4/54.2	54.4/54.2	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	38.4/37.7	38.4/37.7	37.5/36.5	38.0/36.4
with moonroof	37.0/37.4	37.0/37.4	37.0/37.6	37.0/37.6	36.3/36.2	–
Leg room, front/rear, in.	41.4/34.6	41.4/34.6	41.4/34.4	41.4/34.4	41.7/33.2	41.7/32.0
EPA interior volume, cu ft.	90.8	90.8	90.7	90.7	84.4	80.0
EPA cargo volume, cu ft.	10.7 ³	10.7 ³	25.7 ⁴	27.3 ⁴	9.5 ³	7.7 ⁵

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

⁴ – Rear seats upright, cargo loaded to ceiling. 57.0 cu. ft. available with rear seats folded. With standard space-saver spare, an additional volume of 2 cu ft. is available under the cargo floor.

⁵ – With softtop lowered. Volume with softtop raised & variable softtop-compartment floor adjusted is approximately 15% greater.

ENGINE & ELECTRICAL convertible	325i sedan	325xi sedan	325i sport wagon	325xi	325Ci sport wagon	325Ci coupe
Engine type	DOHC inline 24-valve 6-cylinder, Double VANOS steplessly variable valve timing ¹					
Bore x stroke, mm/in.	84.0 x 75.0 / 3.31 x 2.95 ¹					
Displacement, cc/cu in.	152/2494 ¹					
Compression ratio	10.5.1 ¹					
Power @ rpm, hp	184 @ 6000 ¹					
Torque @ rpm, lb-ft.	175 @ 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	325i sedan	325xi sedan	325i sport wagon	325xi	325Ci sport wagon	325Ci coupe
convertible						
Drive system	Front engine/ rear-wheel drive	Front engine/ rear-wheel drive	Front engine/ all-wheel drive	Front engine/ rear-wheel drive	Front engine/ rear-wheel drive	Front engine/ all-wheel
drive						
Manual transmission	5-speed ¹					
	Getrag B	ZF C	Getrag B	ZF C	Getrag B	Getrag B
Ratios:						
1st	4.23:1	4.21:1	4.23:1	4.21:1	4.23:1	4.23:1
2nd	2.52:1	2.49:1	2.52:1	2.49:1	2.52:1	2.52:1
3rd	1.66:1	1.66:1	1.66:1	1.66:1	1.66:1	1.66:1
4th	1.22:1	1.24:1	1.22:1	1.24:1	1.22:1	1.22:1
5th	1.00:1	1.00:1	1.00:1	1.00:1	1.00:1	1.00:1
Reverse	4.04:1	3.85:1	4.04:1	3.85:1	4.04:1	4.04:1
Final drive ratio	3.15:1	3.23:1	3.46:1	3.23:1	3.15:1	3.46:1
Automatic transmission	5-speed STEPTRONIC with Adaptive Transmission Control & selectable Sport mode ¹ :					
	ZF 5 HP 19	GM5	ZF 5 HP 19	GM 5	ZF 5 HP 19	ZF 5 HP 1
Ratios:						
1st	3.67:1	3.45:1	3.67:1	3.45:1	3.67:1	3.67:1
2nd	2.00:1	2.21:1	2.00:1	2.21:1	2.00:1	2.00:1
3rd	1.41:1	1.59:1	1.41:1	1.59:1	1.41:1	1.41:1
4th	1.00:1	1.00:1	1.00:1	1.00:1	1.00:1	1.00:1
5th	0.74:1	0.76:1	0.74:1	0.76:1	0.74:1	0.74:1
Reverse	4.10:1	3.17:1	4.10:1	3.17:1	4.10:1	4.10:1
Final drive ratio	3.46:1 ¹					

CHASSIS	325i	325xi	325i	325xi	325Ci	325Ci
convertible	sedan	sedan	sport wagon		sport wagon	coupe
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 Packages, 325Ci coupe (not xi 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 Packages, 325Ci coupe (not xi models): 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	35.8	34.4	34.4
4-wheel ventilated disc brakes:						
Diameter, front, mm/in.	300/11.8	300/11.8	300/11.8	300/11.8	300/11.8	300/11.8
Diameter, rear, mm/in.	294/11.6	294/11.6	294/11.6	294/11.6	294/11.6	294/11.6
Wheels (standard)	Cast alloy, 16 x 7.0 ¹ :					
Wheels (optional)	Cast alloy ¹ :					
	17 x 8.0	17 x 7.0	17 x 8.0	17 x 7.0	17 x 8.0	17 x 8.0
	(Sport Pkg.)	(Sport Pkg.)	(Sport Pkg.)	(Sport Pkg.)	(Sport Pkg.)	(Sport Pkg.)

CHASSIS (cont.)	325i sedan	325xi sedan	325i sport wagon	325xi	325Ci sport wagon	325Ci coupe
convertible						
Tires (standard)	All-season, 205/55R-16 H-rated					
Tires (optional)	All-season, 205/50R-17 V-rated (Sport Package, xi models) Performance, 225/45R-17 W-rated (Sport Package, all other models)					
Stability-enhancement system	Dynamic Stability Control (DSC), including all-season traction control, Automatic Differential Brake, Dynamic Traction Control , electronic brake proportioning, antilock braking (ABS) & cornering/avoidance-stability enhancement; xi (all-wheel-drive) models add 4-wheel traction control & Hill Descent Control					
PERFORMANCE DATA						
Acceleration, 0-60 mph, sec., man./auto. ⁶	7.1/8.1	7.6/8.8	7.4/8.5	7.8/9.0	7.1/8.1	7.7/8.9
Top speed, mph ⁷	128 ¹					
Fuel economy, EPA est. MPG, city/highway:						
manual transmission	20/29	19/27	20/29	19/26	20/29	19/27
automatic transmission	19/27	18/25	19/27	18/25	19/27	19/26

⁶ – 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.

⁷ – Electronically limited