

The all-new 2006
BMW 3 Series Sedan



The Ultimate
Driving Machine®

325i
330i





**So athletic, they call it
a sports sedan.**



Motor is our middle name.

Suspension of disbelief.





Your favorite place, wherever you are.



At the center of everything, there's driving joy.



Clean, uncluttered and elegant.

Equipment | Exterior



■/□ **Xenon Adaptive Headlights** provide brilliant clarity of the road ahead and to the side at night and in conditions with poor visibility. The dynamic auto-leveling feature adjusts for varying passenger and cargo loads, helping to keep headlight glare out of the eyes of oncoming drivers. BMW Adaptive Headlights provide optimum road illumination around corners, thanks to an electromechanical control system that directs the headlights into and around the bend as soon as the vehicle begins cornering. (std. on 330i; opt. on 325i)



■ **Adaptive Brake Lights** increase vehicle visibility and signal the intensity of your braking action.



■ **Halogen free-form foglights**, integrated into the deep front spoiler, enhance your margin of safety in bad visibility. Ellipsoid free-form technology ensures even light distribution on the road.



■ BMW's **distinctive front kidney-shaped grille** features a chrome surround. The vertical slats on the 330i grille are chrome; the 325i has black slats.



■ **Roof rail clips and grooves** are designed for the BMW Accessory roof rail system, holding it perfectly in place.

Equipment | Exterior



□ **Star Spoke (Styling 162) light-alloy wheels and run-flat¹ performance tires.**² In front: 18 x 8.0 wheels and 225/40R-18 tires; in back: 18 x 8.5 wheels and 255/35R-18 tires.³ (included in 330i Sport Package)



■ **16 x 7.0 Double Spoke (Styling 156) light-alloy wheels with 205/55R-16 run-flat¹ all-season tires.** (std. on 325i)



■ **17 x 8.0 Star Spoke (Styling 159) light-alloy wheels with 225/45R-17 run-flat¹ all-season tires.** (std. on 330i)



□ **Double Spoke (Styling 161) light-alloy wheels and run-flat¹ performance tires.**² In front: 17 x 8.0 wheels and 225/45R-17 tires; in back: 17 x 8.5 wheels and 255/40R-17 tires.³ (included in 325i Sport Package)

¹Run-flat tires do not come equipped with a spare tire.

²Performance tires not recommended for driving in ice and snow.

³Due to low-profile tires, wheels, tires and suspension parts are more susceptible to road hazard and consequential damages.

Equipment | Interior



■ **Three-spoke leather-wrapped multi-function steering wheel** lets you keep both hands on the wheel while adjusting various comfort functions, such as changing the radio, CD selections and volume. Optional Voice Command (included with optional on-board navigation system) can be used to change radio stations and audio selection, navigation system destinations, and (accessory) telephone entries.



□ **6-speed STEPTRONIC automatic transmission** provides a choice of three modes: “Drive,” which incorporates BMW’s Adaptive Transmission Control; “Sport” automatic, for a more dynamic shift pattern; and STEPTRONIC automatic, for the hands-on control of a manual without using a clutch. (Shown with iDrive, which is included with optional on-board navigation system)



■ **6-speed manual transmission** delivers a precise, athletic feel that’s responsive to your personal driving style. This is due, in part, to the enhanced synchronization of shifts from neutral to each gear. The gearbox adds to the sporty feel with a shortened shift lever and “throw.” The sixth gear drops revs at highway speeds for smooth cruising. (Shown with iDrive, which is included with optional on-board navigation system)



■ **Two cupholders** are integrated into the dashboard, and can easily be retracted when not in use. (The driver’s cupholder is not shown.) Two cupholders are also provided in the rear-seat center console for rear-seat passengers.



■ The **on-board computer** with Check Control provides valuable feedback on the vehicle’s operating status: oil level indicator, distance to next service appointment and oil change, front/rear brake pad and brake fluid status, state emissions inspection due date, and other detailed information like spark plug and micro-filter status. It also provides travel information such as travel range on remaining fuel, external temperature, and more.



■ **Rain sensor** uses infrared light to measure the amount of rain. When the wipers are in the “intermittent” mode, the rain sensor automatically adjusts the windshield wiping interval as needed. **Automatic headlight control** (not shown), included with rain sensor, activates headlights by means of a sensor that responds to darkness.

■ Standard equipment □ Optional equipment

Upholstery colors / materials, Interior trims

Materials			Leatherette ¹		Leather ²			
Upholstery colors			Beige	Black	Beige	Gray	Terra	Black
Exterior colors								
300	Alpine White Non-Metallic		●	●	●	●	●	●
438	Electric Red Non-Metallic		●	●	●	●	●	●
668	Jet Black Non-Metallic		●	●	●	●	●	●
354	Titanium Silver Metallic		●	●	●	●	●	●
A34	Arctic Metallic		●	●	●	●	●	●
A22	Sparkling Graphite Metallic		●	●	●	●	●	●
A23	Sonora ³ Metallic		●	●	●	●	●	●
A35	Monaco Blue Metallic		●	●	●	●	●	●
A41	Barrique Red ³ Metallic		●	●	●	●	●	●
A43	Deep Green ³ Metallic		●	●	●	●	●	●
475	Black Sapphire Metallic		●	●	●	●	●	●
Interior trims								
Burl Walnut Wood ⁴								
Poplar Natural Wood ⁵								
Aluminum ⁵								

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055

¹ Leatherette upholstery: Standard in 325i and 330i.
² Leather upholstery: Optional, and included in optional 325i and 330i Premium Packages.
³ Delayed availability.
⁴ Burl Walnut Wood trim: Standard in 325i and 330i.
⁵ Poplar Natural Wood trim and Aluminum trim: No-cost options in 325i and 330i.

Standard equipment | Optional equipment

Performance and efficiency	325i	330i
3.0-liter dual overhead cam (DOHC), 24-valve inline 215-horsepower 6-cylinder engine with composite magnesium/aluminum engine block, Valvetronic, and Double VANOS steplessly variable valve timing	●	
3.0-liter dual overhead cam (DOHC), 24-valve inline 255-horsepower 6-cylinder engine with composite magnesium/aluminum engine block, Valvetronic, and Double VANOS steplessly variable valve timing		●
3-stage air intake manifold		●
Electronic throttle control	●	●
6-speed manual transmission	●	●
6-speed STEPTRONIC automatic transmission with Adaptive Transmission Control	○	○
Handling, ride and braking		
Dynamic Stability Control (DSC), including Comfort Stop, Brake Fade Compensation, Start-off Assistant, Brake Drying, and Brake Stand-by features, with Dynamic Traction Control (DTC)	●	●
Extensive aluminum componentry, including front suspension components (forged-aluminum lower arms, steering knuckle); subframe; steering rack; and brake components (brake caliper, brake shield)	●	●
Double-pivot type front suspension with dual forged-aluminum lower arms	●	●
5-link rear suspension with cast-aluminum upper transverse arms	●	●
Front and rear anti-roll (stabilizer) bars	●	●
Twin-tube gas-pressure shock absorbers	●	●
4-wheel ventilated anti-lock disc brakes with Dynamic Brake Control (DBC)	●	●
Engine-speed-sensitive, variable-assist power steering	●	●
Active Steering with Servotronic power assist	○	○
Sport suspension calibration	□	□
Exterior		
16 x 7.0 Double Spoke (Styling 156) light-alloy wheels, 205/55R-16 run-flat ¹ all-season tires	●	
17 x 8.0 Star Spoke (Styling 159) light-alloy wheels, 225/45R-17 run-flat ¹ all-season tires		●
Double Spoke (Styling 161) light-alloy wheels, 17 x 8.0 front, 17 x 8.5 rear; 225/45R-17 front, 255/40R-17 rear run-flat ¹ performance tires ²	□	
Star Spoke (Styling 162) light-alloy wheels, 18 x 8.0 front, 18 x 8.5 rear; 225/40R-18 front, 255/35R-18 rear run-flat ¹ performance tires ²		□
Flat Tire Warning Indicator	●	●
Chrome detail trim		●
Halogen high- and low-beam headlights	●	
Xenon Adaptive Headlights with auto-leveling	○	●
Halogen free-form front foglights	●	●
Retractable, high-intensity headlight washers	★	★
Heated dual power mirrors and heated windshield washer jets	●	●
Metallic paint	○	○

- Standard
- Optional
- Included in optional Sport Package
- ★ Included in optional Cold Weather Package

¹ Run-flat tires do not come equipped with spare tire.

² Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. Performance tires are not recommended for driving in snow and ice.

Standard equipment | Optional equipment

	325i	330i
Interior seating		
8-way adjustable front seats (includes 2-way headrests)	●	
8-way power front seats with 2-way manual headrests and driver memory with 2 pre-sets for exterior mirror and seat positions	○/◇	●
8-way manual adjustable front sport seats with adjustable back bolsters, and 2-way headrests and thigh support	□	
8-way power front sport seats with adjustable back bolsters, 2-way manual headrests and thigh support; driver memory for exterior mirror and seat positions	□ ³	□
4-way adjustable power lumbar support for front seats	◇	◇
Leatherette upholstery	●	●
Leather upholstery	○/◇	○/◇
3-stage heated front seats (includes heated side bolsters)	○/★	○/★
3-spoke leather-wrapped multi-function steering wheel with audio and accessory phone ⁴ controls	●	●
3-spoke leather-wrapped multi-function sport steering wheel with audio and accessory phone ⁴ controls	□	□
Front seatback storage nets	●	●
Split fold-down through-load rear seats and ski bag	○/★	○/★
Burl Walnut Wood trim	●	●
Poplar Natural Wood trim ⁵	○	○
Aluminum interior trim ⁵	○	○
Audio system		
Anti-theft AM/FM stereo CD/MP3 ⁶ player audio system with 10 speakers (including 2 subwoofers), Radio Data System (RDS), Auto-Store and 3-channel FM diversity antenna; displays MP3 song title and artist	●	
Logic7 Surround Sound anti-theft AM/FM stereo CD/MP3 ⁶ player audio system with 13 upgraded speakers (including 2 subwoofers), Digital Sound Processing (DSP), Radio Data System (RDS), Auto-Store and 3-channel FM diversity antenna; displays MP3 song title and artist	○	●
Auxiliary audio input for portable music players	●	●
Pre-wiring for BMW center installation of 6-disc CD/MP3 changer	●	●
SIRIUS Satellite Radio ⁷	○	○
Pre-wiring for BMW center installation of SIRIUS Satellite Radio ⁷	○	○
Instrumentation and controls		
Service Interval Indicator with miles-to-service readout	●	●
Check Control vehicle monitor system with pictogram display, oil status display, and Condition Based Service indicator	●	●
On-board computer with Check Control – provides feedback on the vehicle's operating status: oil level indicator, distance to next service appointment and oil change, front/rear brake pad and brake fluid status, state emissions inspection due date, and other detailed information like spark plug and micro-filter status. It also provides travel information such as travel range on remaining fuel, external temperature, and more.	●	●
On-board navigation system with 16:9 screen and Voice Command system; iDrive system with high-function on-board computer and controller	○	○

- Standard
- Optional
- Included in optional Sport Package
- ◇ Included in optional Premium Package
- ★ Included in optional Cold Weather Package

³ Optional power seats or Premium Package required.

⁴ If so equipped.

⁵ No-cost option.

⁶ If vehicle is equipped with BMW navigation system, MP3 capabilities only available with a BMW center-installed six-disc CD changer (accessory).

⁷ Pre-wiring required for SIRIUS Satellite Radio. Please visit your authorized BMW center for details on equipment.

Standard equipment | Optional equipment

Comfort and convenience	325i	330i
Engine Start/Stop button	●	●
Advanced Vehicle & Key Memory – includes climate-control temperature and air-distribution settings, exterior mirror and power seat settings ⁸ , audio tone settings and radio presets with optional on-board navigation system, central-locking preferences, and lighting preferences	●	●
Comfort Access keyless entry with multi-function remote control ⁹	○	○
Automatic climate control – includes micro-filter, automatic air recirculation, left/right temperature control, temperature- and volume-controlled rear outlets, windshield misting sensor, maximum air conditioning, heat at rest, more powerful fan, and recall of individual user settings	●	●
2-way power glass moonroof with “one-touch” operation, sliding interior sunshade, and wind deflector	●	●
Front-seat center armrest with climate-controlled storage compartment	●	●
Front passenger cupholders (dashboard-integrated)	●	●
Rear-seat center armrest with cupholders	●	●
Tilt/telescopic steering wheel column	●	●
Park Distance Control (PDC) (rear only)	○	○
Interior and power-adjustable folding exterior mirrors with automatic-dimming function; digital compass	◇	◇
Power front and rear windows with “one-touch” up/down operation	●	●
Power rear sunshade; manual rear side window shades	○	○
Dynamic Cruise Control	●	●
Active Cruise Control	○	○
BMW Ambiance Lighting front and rear	●	●
Courtesy lights – include fade in/fade out, actuation from remote, automatic switch-on when engine is turned off, separately controlled left/right front and rear reading lights, front footwell lighting, and illuminated vanity mirrors	●	●
Ground-illuminating lights in door handles	●	●
Locking glovebox	●	●
Electric interior trunk release	●	●
Rain-sensing windshield wipers and Automatic headlight control	●	●
Integrated 3-button Universal garage-door opener	◇	◇
Bluetooth wireless technology ¹⁰ for hands-free calling with Bluetooth technology enabled cellular phones ¹¹	○	○
Pre-wiring for BMW center installation of mobile phone, alarm system and Universal garage-door opener	●	●

⁸Optional and included in 325i Premium Package; standard in 330i.

⁹Available September 2005.

¹⁰Included with Premium Package or BMW Assist.

¹¹Please contact your authorized BMW center for a list of BMW-approved Bluetooth technology enabled phones.

Standard equipment | Optional equipment

Safety and security	325i	330i
Anti-lock braking system (ABS)	●	●
Adaptive Brake Lights	●	●
MRS5 centralized safety control system	●	●
Front and rear Head Protection System (HPS)	●	●
Driver's and passenger's front airbag supplemental restraint system (SRS) with "smart" dual-threshold, dual-stage deployment and sensor to help prevent unnecessary passenger's airbag deployment	●	●
Seat-mounted front side-impact airbags	●	●
Automatic safety belt pretensioners at front and rear outboard seating positions	●	●
Front passenger seat-occupation recognition with Passenger's Airbag Off indicator	●	●
Interlocking door anchoring system to help protect against door intrusion in side impacts	●	●
Central locking system with center console switch (leaves gas filler door unlocked), double-lock feature and 2-step unlocking	●	●
Coded Driveaway Protection	●	●
Automatic-locking retractors (ALR) on all passenger safety belts for installation of child-restraint seat	●	●
LATCH attachments on child-restraint safety installation	●	●
Crash sensor that automatically turns on hazard lights and interior lights, and unlocks doors	●	●
Programmable daytime running lights	●	●
Fiber-optics-based MOST-BUS architecture for safety systems	●	●
BMW Assist ¹² with Bluetooth wireless technology	○/◇	○/◇
BMW Maintenance Program		
BMW Full Maintenance ¹³	●	●

- Standard
- Optional
- Included in optional Sport Package
- ◇ Included in optional Premium Package
- ★ Included in optional Cold Weather Package

¹² Please see your authorized BMW center for rules and regulations on subscription required with BMW Assist.

¹³ Full Maintenance Program covers all factory-recommended maintenance, as determined by the Service Interval Indicator for 4 years or 50,000 miles, whichever comes first. Full Maintenance Program includes items that need replacement due to normal wear and tear, provided wear and tear exceeds BMW specifications. This includes items such as brake pads, brake rotors and wiper blades that are not covered by the original New Vehicle Limited Warranty. Any adjustments required due to normal operating conditions are also included. For exclusions and limitations, refer to the Service and Warranty Information booklet that came with your new BMW, or see your authorized BMW center for details.

Standard equipment | Optional equipment

Premium Packages	325i	330i
8-way power front seats with 2-way manual headrests and driver memory for exterior mirror and seat positions	O/◇	●
4-way adjustable power lumbar support for front seats	◇	◇
Leather upholstery	O/◇	O/◇
Interior and power-adjustable folding exterior mirrors with automatic-dimming function; digital compass	◇	◇
Integrated 3-button Universal garage-door opener	◇	◇
BMW Assist ¹² with Bluetooth wireless technology	O/◇	O/◇
Sport Packages		
Double Spoke (Styling 161) light-alloy wheels, 17 x 8.0 front, 17 x 8.5 rear; 225/45R-17 front, 255/40R-17 rear run-flat ¹⁴ performance tires ¹⁵	□	
Star Spoke (Styling 162) light-alloy wheels, 18 x 8.0 front, 18 x 8.5 rear; 225/40R-18 front, 255/35R-18 rear run-flat ¹⁴ performance tires ¹⁵		□
8-way manual adjustable front sport seats with adjustable back bolsters, and 2-way headrests and thigh support	□	
8-way power front sport seats with adjustable back bolsters, 2-way manual headrests and thigh support; driver memory for exterior mirror and seat positions	□ ¹⁶	□
3-spoke leather-wrapped multi-function sport steering wheel with audio controls	□	□
Sport suspension calibration	□	□
Cold Weather Package		
3-stage heated front seats	O/★	O/★
Split fold-down through-load rear seats and ski bag	O/★	O/★
Retractable, high-intensity headlight washers	★	★

¹⁴ Run-flat tires do not come equipped with spare tire.

¹⁵ Due to low-profile tires, please note: wheels, tires and suspension parts are more susceptible to road hazard and consequential damages. Performance tires are not recommended for driving in snow and ice.

¹⁶ Optional power seats or Premium Package required; Sport Package also required.

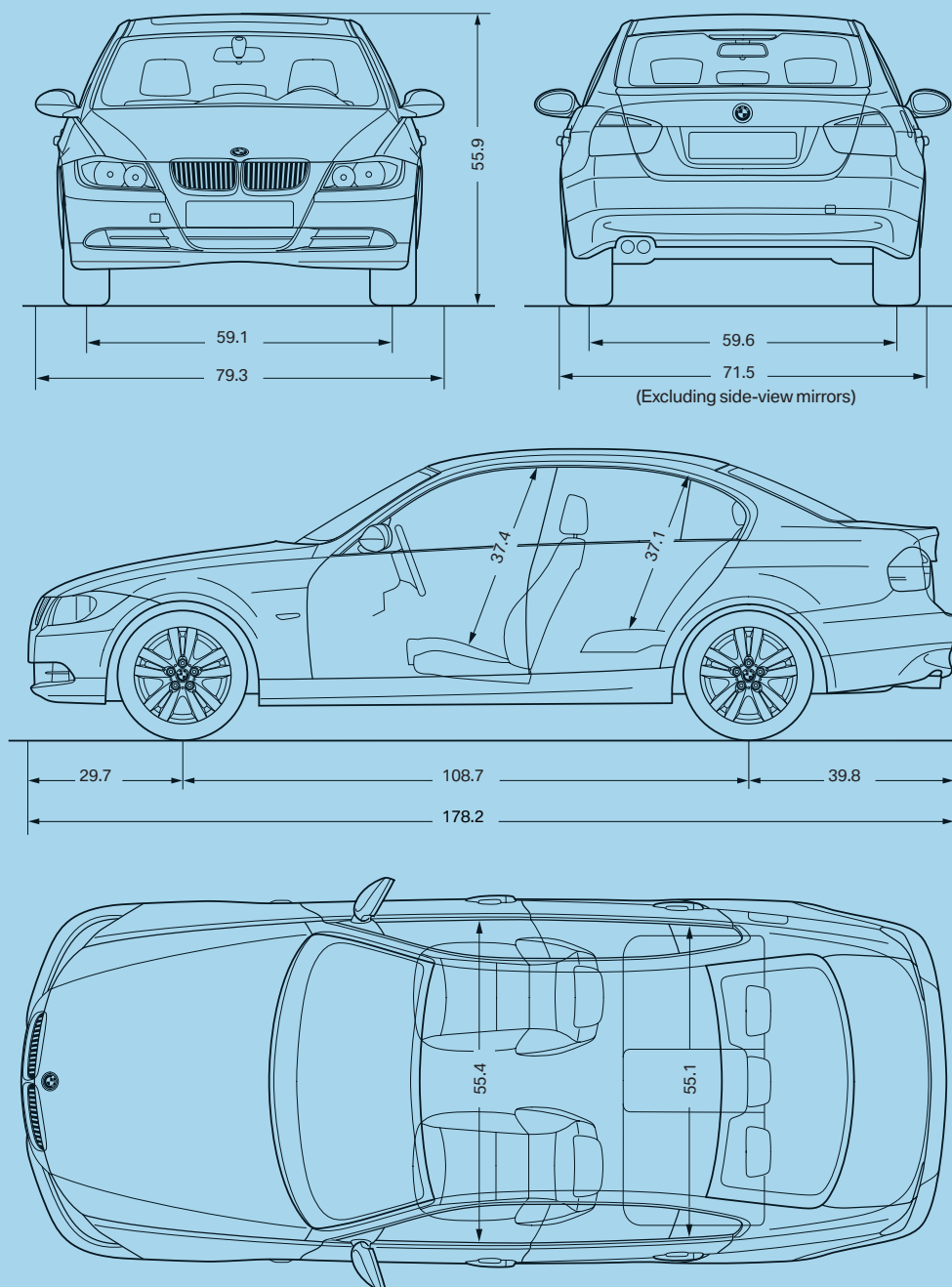
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Specifications | Technical features

Weight		325i	330i
Unladen	lbs	3285 [3351]	3417 [3450]
Weight distribution, front/rear			
Manual transmission	%	50.3/49.7	50.6/49.4
Automatic transmission	%	50.7/49.3	51.1/48.9
Engine			
Liter/type		3.0/inline 6	3.0/inline 6
Bore/stroke	inch	3.35/3.46	3.35/3.46
Nominal output/rpm	hp	215/6250	255/6600
Maximum torque/rpm	lb-ft	185/2750	220/2750
Compression ratio	:1	10.7	10.7
Fuel grade		Unleaded premium	Unleaded premium
Transmission			
Manual gear ratios			
I/II	:1	4.32/2.46	4.35/2.50
III/IV	:1	1.66/1.23	1.67/1.23
V/VI/R	:1	1.00/0.85/3.94	1.00/0.85/3.93
Final drive ratio	:1	3.23	3.15
Automatic gear ratio			
I/II	:1	4.17/2.34	4.17/2.34
III/IV	:1	1.52/1.14	1.52/1.14
V/VI/R	:1	0.87/0.69/3.40	0.87/0.69/3.40
Final drive ratio	:1	3.73	3.64
Performance			
Drag coefficient	C _d	0.30	0.30
Top speed ¹	mph	130 [149]	130 [149]
Acceleration 0-60 mph ²			
Manual transmission	sec	6.7	6.1
Automatic transmission	sec	7.2	6.3
Fuel consumption ³			
Manual transmission – City/Highway	mpg	TBD	TBD
Automatic transmission – City/Highway	mpg	TBD	TBD
Tires and wheels			
Tire dimensions	standard	205/55R-16	225/45R-17
Wheel dimensions	standard	16 x 7.0	17 x 8.0
Material	standard	light-alloy	light-alloy
Brakes			
Front – diameter	inch	11.8	13.0
Rear – diameter	inch	11.8	13.2

Figures in () apply to vehicles with automatic transmission; figures in [] apply to vehicles with Sport Package.

Specifications | Technical features



Illustrations above: all dimensions in inches.

¹ Top speed limited electronically.

² 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 laws and always wear safety belts.

³ EPA-estimated figures are for comparison purposes only. Your actual mileage will vary, depending on speed, driving habits, trip length and driving conditions; actual mileage will most likely be lower.

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BMW recommends Castrol