

The most exciting performer of all is coming to a road near you.



The marathon sprinter.

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M9NV 4277

WE Y



A sporting arrangement: Each axle carries an equal share of the load.

Aggressive power coupled with defensive strength.

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MSNV 4277

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Enjoy the view. You won't see it much when you drive.

- VOU

ATTO # 88

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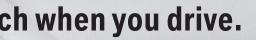
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This co-driver can do everything. Even be silent.

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Communication

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07 05 2004

Ct. D



Equipment



□ Xenon headlights for low and high beam, including four parking light rings and automatic headlight range control, provide much better illumination of the road ahead at night or in poor visibility. □ Adaptive Headlights for improved visibility in

bends: headlights are directed into the bend when cornering (only available in conjunction with xenon headlights).



 \Box BMW light-alloy wheels double-spoke styling 161 with mixed tyres, 8 J x 17" wheels and 225/45 R 17 tyres at the front, 8.5 J x 17" wheels and 255/40 R 17 tyres at the rear, with anti-theft security system.



□ **BMW light-alloy wheels** star-spoke styling 159, 8 J x 17", 225/45 R 17 tyres, with anti-theft security system.



□ Leather sports steering wheel (369 mm diameter), three spokes, incl. gearshift lever handle with chrome trim and handbrake lever handle finished in leather, multifunction buttons for remote control of radio/telephone (both optional); also available without multifunction buttons.



□ Active Cruise Control enables comfortable driving at a pre-selected speed. When driving in columns of traffic, your BMW automatically adapts to the speed of the preceding vehicle and uses its radar sensor to maintain a preset distance. In addition, the braking function ensures that the desired speed is maintained even when driving downhill. (Only available for 325i, 330i and 330d.)



□ Navigation system Business¹, incl. 2-tuner reception, DVD drive, MP3 decoder and iDrive Controller. Directions are given via arrows displayed on a 6.5" monitor. Additional function: independent ventilation.

□ Navigation system Professional¹, same features as Business; plus CD drive and 8.8" monitor with map and arrow display.



□ Automatic air conditioning, incl. AAR, micro filter, fogging and solar sensors and residual heat button, rapidly provides the desired climatic conditions in the vehicle interior and maintains the selected temperature. With individual temperature control at the front (left/right) and climatised storage compartment in the centre console, incl. rear air vent and air conditioning.



□ **HiFi System Professional LOGIC7** provides truly outstanding sound. 13 loudspeakers and the adjustable surround function create a luxurious soundscape all around you. The central bass concept using subwoofers makes for an authentic bass sound.

□ **HiFi loudspeaker system** with ten loudspeakers for brilliant sound.



Radio BMW Professional, same features as BMW
 Business CD, with additional MP3 decoder.
 MD drive: Minidisc player for Radio BMW Professional (shown here) with automatic MD insert/eject.

Equipment



□ **CD changer,** with MP3 decoder, located on the left-hand side of the luggage compartment, holds up to six CDs.



□ Preparation for mobile phone with Bluetooth interface, including hands-free facility, connection for charger and outside aerial. A separately available snap-in adapter enables connection of a Bluetoothcompatible mobile phone, which can also be operated via the iDrive Controller (in conjunction with navigation system). For mobile phone options contact your BMW partner.



□ **Two cupholders at the front** (in conjunction with storage compartment package), integrated into the dashboard.



□ Seat heating for driver and front passenger (three settings): Seat surface, sides and backrest are heated and quickly radiate comfortable warmth.



□ **Sports seats** for driver and front passenger (shown here in optionally available Dakota leather Beige). Optimum lateral support is ensured by continuously variable electric backrest width adjustment. Seat height, backrest and seat angle as well as thigh support are manually adjustable.



□ **Glass sliding/vent roof,** electric, with wind deflector and comfort opening function via the car's remote control unit, includes reading lights at the front and illuminated vanity mirrors.



□ Luggage compartment package including luggage compartment floor net, 12 V socket, segmentable underfloor storage bin, bag and umbrella holder, waterproof folding box and a pull-out drawer under the rear shelf. If the drawer is not required, it is quick and easy to remove.



□ Ski bag (in conjunction with through-loading system) for clean and safe transportation of up to four pairs of skis with up to four people on board. If the ski bag is not required, it can be tucked away out of sight.

Safety	318i	320i	320si	325i	330i	318d	320d	330d
Adaptive Headlights (in conjunction with Xenon headlights)								
Airbags:								
- Driver and front passenger airbags, with seat occupation detector for front passenger airbag								
- Front-to-rear head airbags, covering the entire window area								
– Side airbags for driver and front passenger								
Alarm system with radio remote control								
Brakes:								
- Disc brakes at the front, inner-vented								
– Disc brakes at the rear			_	_	_		_	-
- Disc brakes at the rear, inner-vented	_	_				-		
Brake Force Display								
Central locking with electronic immobiliser and crash sensor; fuel tank filler flap integrated in central locking	-							
Centre lock switch for central locking								
Dynamic Stability Control (DSC, incl. ABS, CBC and Traction Mode DTC)								
Dynamic Stability Control (DSC) with additional functions	_	_	_			-	_	
Foglights with free-form reflectors, including heated screenwasher nozzles and exterior mirrors			•					
Headlight washing system								
ISOFIX child seat fastening system at the front (with front-passenger airbag deactivation)								
ISOFIX child seat fastening system at the rear								
Park Distance Control (PDC) front and rear, or rear only								
Rain sensor with automatic driving lights control								
Runflat indicator								
Runflat tyres								
Safety bodyshell:								
 Bumper system with aluminium impact absorbers at the front and steel impact absorbers at the rear, reversible up to 4 km/h, and special deformation elements at the front and rear designed to absorb impacts at speeds of up to 15 km/h 	-	•	•	•	•	•	•	
- Integrated side impact protection in doors								
Seatbelts:								
 Ergonomic seatbelt system at the rear, with 3-point seatbelts for all rear seats and integrated belt catches 			•		•	•	•	-
 Inertia-reel seatbelts at the front and for the two outer rear seats, with belt tensioner and belt force limiter 	-		-		-		-	•
Xenon headlights for low and high beam, including automatic headlight range control and four parking light rings								

Engine	318i	320i	320si	325i	330i	318d	320d	330d
4-cylinder in-line diesel engine with four-valve technology	_	_	-	_	_			-
4-cylinder in-line petrol engine with four-valve technology				_	-	-	-	-
6-cylinder in-line diesel engine with four-valve technology	-	-	-	_	_	-	-	
6-cylinder in-line petrol engine with four-valve technology	-	-	-			-	-	-
Common Rail technology	-	-	-	_	_			
Diesel particle filter with straight exhaust tailpipe	-	-	-	_	_			
Double-VANOS						-	-	-
Emissions standard: EU4								
Light-alloy cylinder head								
Multi-level induction system						-	_	-
Turbocharger with variable turbine geometry	_	_	_	_	_			
Valvetronic			-			-	_	-

Transmission/suspension	318i	320i	320si	325i	330i	318d	320d	330d
6-speed manual gearbox								
6-speed automatic transmission with Steptronic			-			-		
Active steering, with Servotronic	-	-	-			-	-	
Double joint spring-strut front axle								
Five-link rear suspension								
M sports suspension								
Powersteering								
Sports suspension, lowered by 15 mm			-					
xDrive all-wheel drive	-	-	-			-	_	

Interiorfeatures	318i	320i	320si	325i	330i	318d	320d	330d
Air conditioning (incl. microfilter)								
Armrest at the front, folding, with integrated storage compartment								
Armrest at the front, with individual adjustment								
Automatic air conditioning with rear air vents (including automatic air re-circulation, fogging and solar sensors and residual heat button)								
Auxiliary heating			-					
Central armrest, rear, with two cupholders								
Climate comfort windscreen								
Comfort access								
Cruise Control, Active	_	-	-			-	-	
Cruise control (operated via control stalk)				_	-			-
Cruise control with braking function (operated via control stalk)	_	_	-			-	-	
Foot mats in velour								
Glass sliding/vent roof, electric, with comfort opening via car key								
Glove compartment, lockable and illuminated								
Headliner in Anthracite								
Heat insulation glass, green, all-round								
Instrument panel with circular speedometer and rev counter displays, as well as fuel gauge and fuel consumption display	•		•		•	•	•	
Interior and exterior mirrors with automatic anti-glare function								
Interior mirror with automatic anti-glare function								
Interior mirror with digital compass								
Interior trim:								
– Brushed Aluminium, fine-grain								
– Burr Walnut wood trim								
– Poplar Natural wood trim								
- Titanium matt			-					
"LIGHTS ON" warning								
Lights package:								
 Reading lights front and rear, front footwell lights, illuminated vanity mirrors for driver and front passenger and indirect lighting at the rear 	_	_	-	•	•	-	-	
– Lighting of outer door area integrated in door handles and exit lights at the front	_	-	-			-	_	
 Lighting of outer door area integrated in handles, exit lights at the front, reading lights front and rear, front footwell lights, illuminated vanity mirrors for driver and front passenger and indirect lighting at the rear 				_	-			_
Lined luggage compartment, 460-litre capacity								
Luggage compartment package (includes luggage net on the right, floor net, 12 V socket on the left, adjustable multi-segment under-floor storage bin, bag and umbrella holder, waterproof folding box as well as a removable pull-out drawer under the rear shelf)								
Luggage nets on front seat backs								
Navigation system ¹ :								
– Business, with 6.5" colour monitor and arrow display, DVD drive, MP3 decoder, including iDrive Controller, 2-tuner reception								
 Professional, with 8.8" colour monitor, arrow and map display, CD and DVD drive, including iDrive Controller, 2-tuner reception and MP3 decoder 								
 Professional, with integrated Bluetooth mobile phone preparation and telematics capability (incl. BMW Assist¹) 								
- TV function for analogue and digital reception								
On-board computer (including Check Control)								
Personal Profile, personalisation of important operating functions								

Interiorfeatures	318i	320i	320si	325i	330i	318d	320d	3300
Radio/audio:								
-AUX/IN connection								
– BMW Business CD radio								
– BMW Professional CD radio, includes MP3 decoder								
– CD changer (6 CDs), includes MP3 decoder								
– HiFi loudspeaker system								
– HiFi System Professional LOGIC7								
– MD drive for BMW Professional radio								
Radio remote control for central locking, key with automatically recharging battery								
Seats/seat comfort:								
– Headrests, three at the rear, all fold down								
– Headrests, three at the rear, central headrest folds down								
– Lumbar support for driver and front passenger, electric								
- Seat adjustment, electric, with memory function for driver's seat								
- Seat heating for driver and front passenger								
– Sports seats for driver and front passenger, with manual adjustment, incl. electric backrest width adjustment			-					
- Standard seats with manual adjustment			-					
Ski bag (in connection with through-loading system)								
Soft-light function at the front								
Start/Stop button								
Steering wheels:								
- Standard steering wheel, three spokes			-		-			-
– Leather steering wheel, three spokes, shift lever knob with chrome trim and handbrake lever handle in leather			-		•			-
 Leather sports steering wheel, three spokes, shift lever knob with chrome trim and handbrake lever handle in leather 			-					
– M leather steering wheel, shift lever knob and handbrake lever handle in Aero leather								
- Multifunction buttons for steering wheel								
Storage compartments in the front doors								
Storage compartment package (includes two fold-out cupholders at the front, storage compartment on driver's side and at the rear, two 12 V sockets and luggage nets on the front seat backs)								
Sun blinds for rear side windows, mechanical								
Sun blind for rear window, electric								
Sun protection glazing								
Telematics services ¹ :								
- BMW Assist								
- BMW Online								
Telephone:								
– Mobile phone preparation, with Bluetooth interface								
Through-loading system (with asymmetrically split rear backrest, each section folding down separately), centre armrest with two cupholders, including ski bag								
Upholstery:								
- Cloth/ Alcantara combination ²								
- Cloth/leather combination			-					
– Dakota leather								
- Fluid cloth			-					
Window lifts, electric, front and rear, with open/close fingertip control, trap release and comfort opening/closing function								•

 1 Telematics services not available in all countries. Please consult your BMW partner. 2 In conjunction with M sports package.

Exterior features	318i	320i	320si	325i	330i	318d	320d	330d
Bumpers in body colour								
Equipment packages:								
 Advantage package: Exterior parts in body colour, leather steering wheel with multifunction buttons, foglights, light-alloy wheels double-spoke styling 154 or 156 			-		-			-
Comfort package: Through-loading system, automatic air conditioning, PDC, rain sensor, Radio Professional, cruise control, etc.			-					
– M sports package: Special aerodynamics package, light-alloy wheels double-spoke 194M (320si with light-alloy wheels radial-spoke 216) or, optionally star-spoke 193M, M sports suspension, sports seats, M leather steering wheel, foglights			-					
Exterior mirrors in body colour, electrically adjustable, aspheric, heated for 325i, 330i and 330d	•		•			•		•
Exterior mirrors package, incl. fold-in function, with heated exterior mirrors and screenwasher nozzles, memory function and automatic parking function								
Exterior parts in body colour (protruding door handles and roof trim strips)								
High-gloss Satin Chrome								
Indicators in white (front)								
Metallic paint								
Ornamental front grille with kidney grille bars in black and chrome surround				_	_			-
Ornamental front grille with kidney grille bars in chrome and chrome surround	_	-	_			-	-	
Protruding door handles and roof trim strips in Black				-	_			-
Sill covers with chrome "320si" lettering	-	-		-	-	-	-	-
Sill covers with chrome BMW lettering			-					
Trailer tow hitch with ball head, fold-away function and trailer stability control			-					
Wheels:								
– Steel wheels with full wheel covers, 7 J x 16", 205/55 R 16 tyres			-	-	_			-
– Light-alloy wheels double-spoke 154, 7 J x 16", 205/55 R 16 tyres			-		_			-
– Light-alloy wheels star-spoke 155, 7 J x 16", 225/50 R 16 tyres			-		-			-
– Light-alloy wheels double-spoke 156, 7 J x 16", 205/55 R 16 tyres			-		-			-
– Light-alloy wheels star-spoke 158, 8 J x 17", 225/45 R 17 tyres			-					
– Light-alloy wheels star-spoke 159, 8 J x 17", 225/45 R 17 tyres			-					
– Light-alloy wheels radial-spoke 160, 8 J x 17", 225/45 R 17 tyres			-					
 Light-alloy wheels double-spoke 161 with mixed tyres, 8 J x 17" with 225/45 R 17 tyres at the front, 8.5 J x 17" with 255/40 R 17 tyres at the rear 			-					
 Light-alloy wheels ellipsoid-spoke 162 with mixed tyres, 8 J x 18" with 225/40 R 18 tyres at the front, 8.5 J x 18" with 255/35 R 18 tyres at the rear 								
– Light-alloy wheels radial-spoke 216 with mixed tyres, 8 J x 18" with 225/40 R 18 tyres at the front, 8.5 J x 18" with 255/35 R 18 tyres at the rear	-	_	•	_	_	-	-	_
- Runflat tyres								

Weight		318i	320i	320si	325i	330i	318d	320d	330d
Unladen, EU ¹	kg	1435 [1465]	1435 [1465]	1425	1505 [1535]	1555 [1570]	1505	1505 [1520]	1610 [1625]
Unladen, EU ¹ (xDrive)	kg	-	-	_	1615 [1635]	1655 [1670]	_	-	1710 [1725]
Max. permissible	kg	1880[1910]	1880 [1910]	1870	1950 [1980]	2000 [2015]	1950	1950 [1965]	2055 [2070]
Max. permissible (xDrive)	kg	_	-	_	2060 [2080]	2100 [2115]	—	-	2155 [2170]
Permitted load	kg	520	520	520	520	520	520	520	520
Permitted axle load, front/rear	kg	895/1050	895/1050	875/1060	935/1080	950/1100	925/1080	925/1080	995/1110
Permitted roof load	kg	75	75	75	75	75	75	75	75
Permitted trailer load, unbraked ²	kg	695	695	-	745	750	745	745	750
Permitted trailer load, braked, max. 12% gradient ²	kg	1250[1400]	1400 [1500]	_	1600	1700	1600	1600	1800
Permitted trailer load, braked, max. 8% gradient ²	kg	1600	1600	_	1700	1800	1700	1800	1800
Permitted towbar download	kg	75	75	_	75	75	75	75	75

Engine ^{3,4}	318i	320i	320si	325i	330i	318d	320d	330d
Cylinders/valves	4/4	4/4	4/4	6/4	6/4	4/4	4/4	6/4
Capacity cc	1995	1995	1997	2497	2996	1995	1995	2993
Stroke/bore mm	90.0/84.0	90.0/84.0	88.0/85.0	78.8/82.0	88.0/85.0	90.0/84.0	90.0/84.0	90.0/84.0
Max. output kW/rpm	95/5750	110/6200	127/7000	160/6500	190/6600	90/4000	120/4000	170/4000
hp/rpm	129/5750	150/6200	173/7000	218/6500	258/6600	122/4000	163/4000	231/4000
Max. torque Nm/rpm	180/3250	200/3600	200/4250	250/2750-4250	300/2500-4000	280/1750-2000	340/2000	500/1750-3000
lb-ft/rpm	133/3250	148/3600	148/4250	184/2750-4250	221/2500-4000	207/1750-2000	251/2000	369/1750-3000
Compression ratio :1	10.5	10.5	11.0	11.0	10.7	17.0	17.0	17.0

Transmission	318i	320i	320si	325i	330i	318d	320d	330d
Standard transmission ratios I/II:1	4.32/2.46	4.32/2.46	4.32/2.46	4.32/2.46	4.35/2.50	5.14/2.83	5.14/2.83	5.08/2.80
III/IV:1	1.66/1.23	1.66/1.23	1.66/1.23	1.66/1.23	1.67/1.23	1.80/1.26	1.80/1.26	1.78/1.26
V/VI/R:1	1.0/0.85/3.94	1.0/0.85/3.94	1.0/0.85/3.94	1.0/0.85/3.94	1.0/0.85/3.93	1.0/0.83/4.64	1.0/0.83/4.64	1.0/0.84/4.61
Final drive ratio :1	3.23	3.38	4.10	3.23	3.15	2.47	2.56	2.35

Performance		318i	320i	320si	325i	330i	318d	320d	330d
Top speed	km/h	208 [206]	220 [215]	225	245 [242]	250 ⁵ [250 ⁵]	206	225 [220]	250 ⁵ [248]
Top speed (xDrive)	km/h	-	-	-	242 [236]	250 ⁵ [250 ⁵]	-	-	242 [240]
Acceleration 0–100 km/h	sec	10.0 [11.0]	9.0 [9.8]	8.1	7.0[7.7]	6.3 [6.6]	10.6	8.3 [8.6]	6.7 [6.8]
Acceleration 0–100 km/h (xDrive)	sec	-	-	-	7.5 [8.1]	6.4 [6.9]	-	-	6.6 [6.7]
Acceleration 80–120 km/h in 4th/5th/6th gear (with standard transmission)	sec	10.9/14.4/19.2	9.1/11.8/15.8	7.7/9.9/—	7.5/9.5/12.4	6.6/8.2/10.6	9.3/11.5/16.2	6.7/8.5/11.3	5.0/6.4/8.3
Acceleration 80–120 km/h in 4th/5th/6th gear (xDrive)	sec	_	-	_	8.6/10.8/—	7.1/9.1/—	-	_	5.3/6.7/—

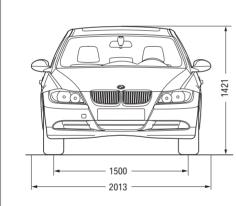
Fuel consumption ^{3, 4}		318i	320i	320si	325i	330i	318d	320d	330d
Urban	l/100 km	10.0 [11.2]	10.7 [11.0]	12.8	12.1 [12.9]	12.7 [12.9]	7.6	7.8 [9.1]	8.9 [10.0]
Urban (xDrive)	l/100 km	-	-	-	13.0 [14.4]	13.9 [14.6]	_	-	9.6 [10.8]
Extra-urban	l/100 km	5.7 [6.0]	5.6 [6.2]	6.6	6.2 [6.7]	6.4 [6.8]	4.4	4.5 [5.3]	5.1 [5.9]
Extra-urban (xDrive)	l/100 km	-	-	-	7.0 [7.3]	7.1 [7.5]	_	-	5.8 [6.4]
Combined	l/100 km	7.3 [7.9]	7.4 [7.9]	8.9	8.4 [9.0]	8.7 [9.0]	5.6	5.7 [6.7]	6.5 [7.4]
Combined (xDrive)	l/100 km	-	-	-	9.2 [9.9]	9.6 [10.1]	_	_	7.2 [8.0]

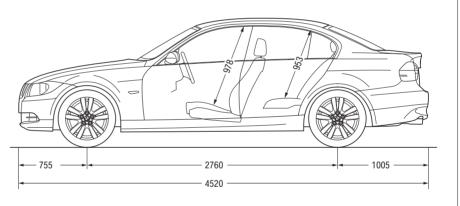
An explanation of footnotes is to be found on the following page.

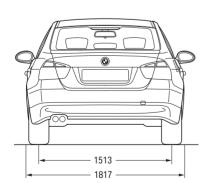
Fuel consumption ^{3, 4}	318i	320i	320si	325i	330i	318d	320d	330d
CO ₂ emissions g/km	175 [190]	178 [190]	214	203 [218]	210 [216]	150	153 [179]	174 [197]
CO ₂ emissions (xDrive) g/km	-	-	_	221 [238]	230 [243]	_	_	192 [213]
Tank capacity, approx.	63	63	63	63	63	61	61	61

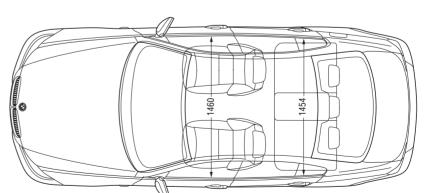
Wheels	318i	320i	320si	325i	330i	318d	320d	330d
Tyre dimensions	205/55 R 16 H	205/55 R 16 V	225/40 R 18/ 255/35 R 18/	205/55 R 16 W	225/45 R 17 W	205/55 R 16 H	205/55 R 16 V	225/45 R 17 W
Wheel dimensions	7 J x 16	7 J x 16	8 J x 18/8.5 J x 18	7 J x 16	8Jx17	7 J x 16	7 J x 16	8Jx17
Material	Steel	Steel	Light-alloy	Light-alloy	Light-alloy	Steel	Steel	Light-alloy

Electrical system	318i	320i	320si	325i	330i	318d	320d	330d
Battery capacity Ah	46	46	46	70	70	80	80	90
Alternator output A	110	110	150	155 [180]	155 [180]	150	150	150
W	1540	1540	2100	2170 [2520]	2170 [2520]	2100	2100	2100









All dimensions in millimetres. Luggage compartment capacity (as per VDA standard): 460 litres (16.2 cu ft).

- ¹ The figure quoted includes a 90 per cent tank filling, 68 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment may increase this figure.
- ² The overall weight of the trailer may not exceed the maximum permissible trailer load plus the maximum permissible towbar download.
- ³ The petrol engines are designed for RON 98 fuel. They may be run on RON 95 or RON 91 fuel with a decrease in engine power and an increase in fuel computation.
- power and an increase in fuel consumption.
 4 All engines meet the EU4 emissions standard. Fuel

consumption is determined in accordance with the ECE driving cyclemade up of approximately one third urban traffic and two thirds extra-urban driving (based on the distance covered).

CO₂ emissions are measured in addition to fuel consumption. ⁵ Electronically limited.

Values in [] apply to vehicles with six-speed automatic transmission.

All optional equipment in this catalogue is available fully installed ex works. For any additional wishes you may have, please see our comprehensive Accessories Catalogue, available from your BMW partner, who will be happy to advise you. The models illustrated in this brochure show the specifications for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of other markets, alterations in models, standard and optional equipment, as described in this brochure, may occur. For precise information please contact your BMW partner. Subject to change in design and equipment.

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BMW recommends