

316i 318i 320i 325i



Still setting the pace.

The BMW 3 Series is the car which created the compact sports saloon. And today it still sets the standard in this class of motoring with an unrivalled individual style and the combination of high-performance technology and construction quality. The BMW 3 Series now offers more than ever before to the discerning and ambitious motorist.

Ideas and solutions taken from the luxury performance range help to secure the 3 Series technical leadership. The new power unit of the 316i, for example. Bearing a close technical resemblance to the BMW 12-cylinder, this engine is at the leading edge of four-cylinder technology. It is smooth, powerful and economical.

Further proof of BMW's commitment to innovation comes in the shape of regenerating bumpers that return to their former shape after slight collisions, and the latest in ellipsoid headlight technology.

But technology is only beneficial if it is also practical. If it increases your driving pleasure. The 3 Series remains a driver's car with its agility, handling and smooth, superior engine. A unique driving experience, coupled with exclusive technology, which keeps the 3 Series at the forefront of its class.





BMW style: designed to be individual.

The BMW 3 Series is unmistakable. Its graceful and elegant lines, its well balanced proportions are acknowledged worldwide. High performance and aesthetic styling create an elegant mix appreciated by car connoisseurs everywhere.

With its compact, uncluttered styling, the 3 Series is ideal for the motorist looking for the qualities of a large, sophisticated saloon with-

out its increased dimensions. Whether you prefer the two-door version with its coupe silhouette or the classic four-door saloon is a matter of taste and your individual requirements. BMW leaves the choice up to you. And the choice is almost endless. Adding up all the different engines, options and special features, you can order your 3 Series from an unbelievable choice of more than 30,000 differ-



ent versions. So that virtually every 3 Series is a unique and individual car in its own right.

BMW continues to set the pace in the use of advanced technology. The entire front section of the car, for example, is designed to keep the passenger compartment virtually undamaged in a head-on collision up to 31mph. A pleasant side effect of this sophisticated design is that damage is easier and cheaper to repair after minor collisions. In addition, the front and

**The 3 Series:
unique more than
30,000 ways.**

rear bumpers regenerate fully to their original shape after slight impacts up to 2.5mph.

The new ellipsoid-technology low-beam headlights ensure a substantial increase in motoring safety,

providing a large and softly contoured field of vision. The light they generate is brighter and offers enhanced illumination of the road ahead, while glare is reduced for both the driver and oncoming traffic.

To provide even greater passive safety, the 3 Series also has large

Low-beam headlights with new ellipsoid technology. The advantages of this progressive illumination system are a bright, far-reaching and softly contoured field of vision, particularly good illumination of the road ahead and reduced glare for the driver and oncoming traffic. The fog-lamps integrated in the front spoiler (standard from the 320i) also feature this progressive headlight technology.

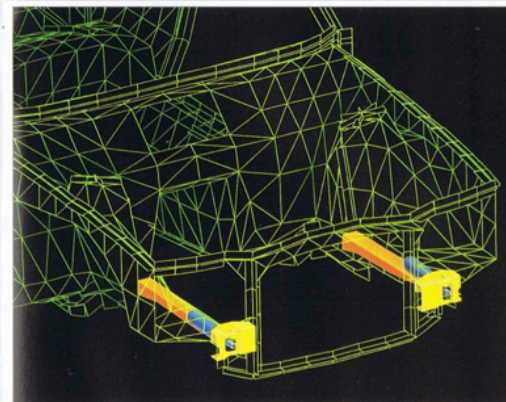


rear lights. A black panel between the two rear light clusters harmoniously blends the number plate into the rear end of the car.

The harmonious styling of the body is rounded off and accentuated by various features finished in chrome. In conjunction with lachs silver, dolphin and diamond-black

metallic paintwork, and with zinnober red and alpine white non-metallic, the 3 Series is also available in satin-chrome (Shadow Line) finish.

Despite all these visible merits, however, you should not forget the many hidden virtues that have always been characteristic of the



The front end of the 3 Series is designed to keep the passenger compartment virtually undamaged in head-on collisions up to 31mph. The bumpers completely absorb impact energy when parking and in slight collisions up to 2.5mph.

3 Series, such as the exemplary rustproofing. The body-shell of the 3 Series is zinc-plated at all vital points. Further stages in the multi-step rustproofing process are the cathodic dip bath and sealing of all joints and seams.

Other highlights of the 3 Series

are the car's excellent all-round visibility, green-tinted glass which gives pleasantly low temperatures in the passenger compartment,

**The body is zinc-plated
at all vital points.**

even in hot, sunny weather, and the sleek but not exaggerated streamlining.

Performance, beautiful looks and optimum efficiency, plus the exhilarating experience at the wheel of the 3 Series. The agility of the engines, the handling of the suspension and the top-quality finish. Sheer motoring pleasure at its very best.



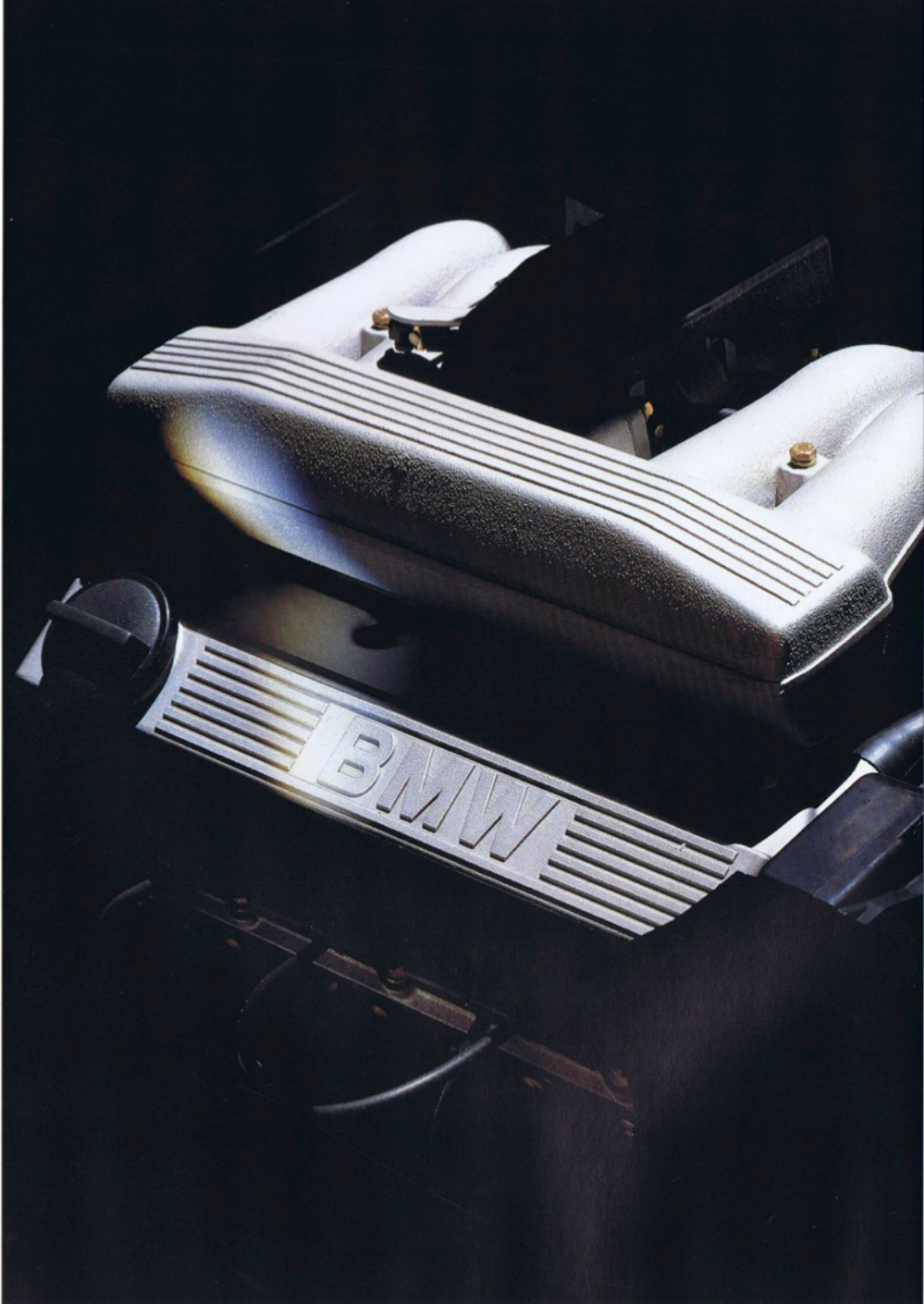
The leader in engine design.

It is no coincidence that the word "motor" comes right in the middle of our name. And perhaps this explains why BMW was one of the first manufacturers to successfully use four-valves per cylinder technology. BMW was among the very first manufacturers to use complex electronic engine management systems — on standard production cars.

Benefitting from this valuable experience, BMW has learned to

use every kind of sophisticated technology where it offers the driver maximum advantages: four-valves per cylinder technology for the high-performance models and electronic engine control throughout the entire range from the "smallest" four-cylinder to the magnificent 12-cylinder.

The engines of the BMW 3 Series offer the very best in their class in terms of performance, motoring refinement and environmental care. For example, all



3 Series models (except the M3) can use unleaded petrol without modification.

The range of 3 Series engines starts with the four-cylinder power unit of the 316i. This is BMW's very latest engine, based like the power unit of the 318i on our renowned 12-cylinder. Indeed, the four-cylinder and the V12 have a great deal in common.

Like the 12-cylinder, the four-cylinder 316i and 318i are both light and compact in relation to their output. They therefore offer an extremely good power-to-weight ratio.

The connecting rods are forged for extra stability. Together with

The new small four-cylinder — a big engine for motoring refinement and all-round economy.

the smaller pistons and the extrarigid crankcase, this provides particularly smooth running characteristics virtually free of vibration.

Both engines increase revs smoothly and quietly. Running smoothness of this calibre is an entirely new experience in the four-cylinder class.

The cylinder heads also have the same basic design as on the 750iL, except that they are tailored to the current and future requirements made of a four-cylinder. Carefully designed intake and outlet ducts ensure rapid and dynamic gas flow conditions and provide superior torque and pulling force at low and medium engine speeds. Both engines thus offer impressive acceleration without requiring a rapid shift of gears.

Running in five bearings, the hollow-cast camshaft ensures highly accurate valve timing. Hydraulic compensation of valve clearance removes the need for any subsequent adjustment, reducing service and maintenance almost entirely to the occasional engine oil change. A considerable

saving of time and money. All these figures mean that the new 316i is no slouch. It accelerates to 62mph in 12.1 seconds. And with a top speed of 113mph, it can cruise at motorway speeds for long periods, without stress to the car or the driver.

This new 316i engine now offers increased torque, with 105ft-lb at 4250 rpm, an increase over the performance figures for the previous engine.

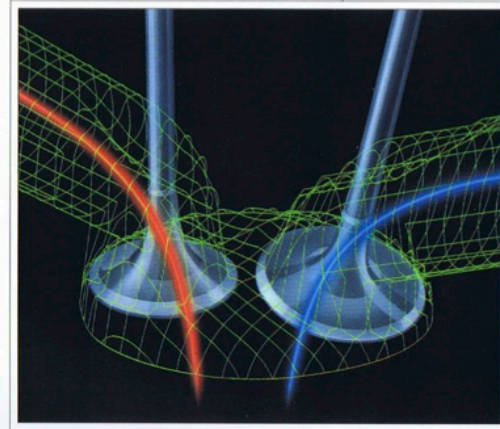
The bhp figure also represents a substantial increase over the

BMW's renowned inline six-cylinder engines, the quality of performance and smoothness is guaranteed.

The four-cylinder engine of the 318i develops 85KW/115bhp from

DME ensures perfect control of both four-cylinder power units.

a capacity of 1.8 litres, accelerating to 62mph in 10.8 seconds.



The combustion chambers of the new four-cylinder in the 316i and 318i. Through their design and the centrally mounted spark plugs, they offer very high efficiency. The result is an efficient combustion process giving increased performance and engine power.

previous engine, going up by 13% — from a power unit that is actually 200cc smaller. The 316i develops 75kW/102bhp from its 1.6 litres.

Combining these two figures means effortless, relaxed cruising as well as the potential for more

Four-cylinders with a famous relation: the BMW 12-cylinder.

demanding driving when required. The flexibility of the new engine ensures that both are equally available.

The other engines in the 3 Series range also offer a high level of performance, economy and refinement. Whether you choose a four-cylinder engine, or one of

And it remains just as dynamic at higher speeds.

The torque figures for the 318i are equally impressive, standing at 122ft-lb at 4,250 rpm. This is superb pulling power.

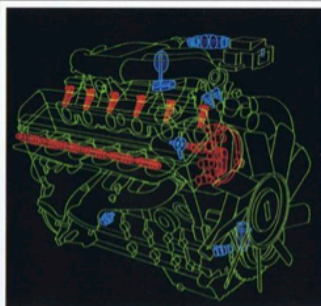
With the 316i, BMW now offers a full model range with fuel injection as standard. Modern engines, and modern engine management, for today's demanding driving.

The world's most modern engine management system, Digital Motor Electronics (DME), now ensures perfect control of both four-cylinder power units. Determining engine data and road conditions through numerous sensors and control points, DME accurately meters the fuel supply within thousandths of a second, activates the fuel injection and controls the firing spark with unparalleled efficiency.

ENGINES

DME constantly compares actual running data with target data and instantaneously makes the necessary modifications. It continuously checks the temperature

Self-diagnosis: faults are detected before they can cause trouble.



Efficient electronics. To provide optimum running smoothness, economy and engine power, Digital Motor Electronics determines driving conditions through numerous sensors and control points. The data measured is checked and verified within fractions of a second, and is then used for highly accurate engine management and control.

agnosis, it detects any such deficiency and stores it in its memory, enabling the service technician to retrieve the information the next time the car is serviced. This is the best guarantee for thorough, quick and cost-efficient service at all times.

DME can actually offer specific savings in service time, with the technician now able to service your car up to 20% quicker than before. This saves you money, and it saves you time.

conditions in the engine. And it even checks itself. Even if, on a rare occasion, a defect or malfunction should occur, DME has the right answer.

With its integrated on-board di-

ENGINES

The BMW 320i — the only six-cylinder in the two-litre class — naturally also features this intelligent engine management. Its power unit clearly shows why BMW has opted for the excellent smoothness of an inline 6-cylinder with two litre capacity.

Turbine-like smoothness is maintained throughout the new range, even when the needle approaches the red sector.

The 2.5-litre straight-six that powers the 325i offers a perfect blend of supreme motoring refinement and dynamic performance.

This is also controlled by the most advanced Digital Motor Electronics. Developing a superior

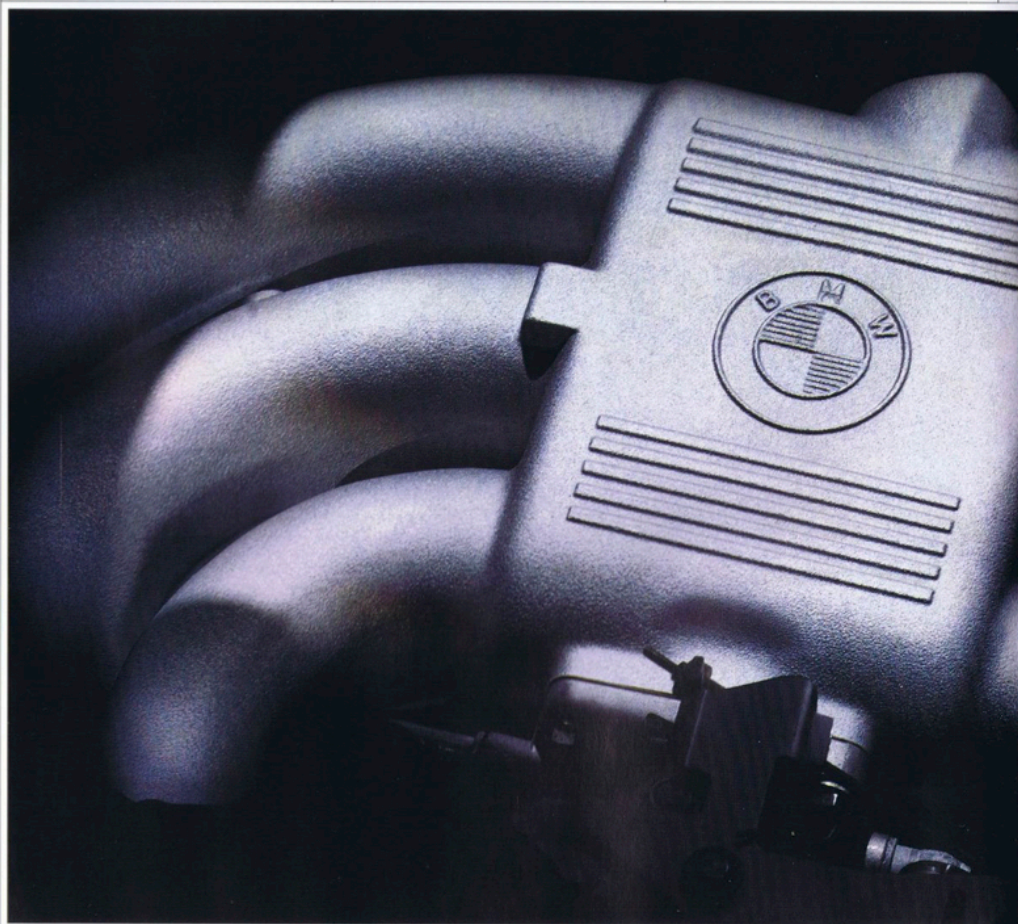
125KW/170bhp, the 325i is one of the most dynamic cars on the road. And since this performance is matched by ample reserves, driving the 325i is always a safe

The 3 Series gives you the choice of two different engines in the exclusive world of six cylinders.

and effortless experience.

Ultimately, however, the engine you choose is a question of your personal taste. Whatever your final choice, all BMW engines share the

same fundamental features: power and refinement. And a driving thrill you can only get from BMW.



The BMW 6-cylinder in-line engine. A single glance gives you a sense of the power and refinement of this straight-six.



Sure-footed driving pleasure.

The thrill of motoring rests to a great extent on the suspension of your car. It is suspension that lies at the heart of handling, comfort and safety.

Just how good the suspension is in providing these depends on the engineering skills and priorities set by the manufacturer.

The BMW 3 Series is designed

from the outset for optimum handling. The front and rear wheels feature independent suspension with a single-joint spring strut front axle and semi-trailing arms at

the rear. The two axles thus form one technical unit with all-round harmony, traction and roadholding.

The extra-large anti-roll bar at the front, and an additional anti-roll bar on the rear axle of the 325i, reduces body sway in fast bends. Anti-dive increases the car's stability when braking and anti-squat provides stability when accelerating. Finely tuned shock absorbers (twin-sleeve gas pressure shock absorbers from the 320i and M Technic suspension on the 325i Sport, giving a slightly lower vehicle height) ensure a smooth a comfortable ride even on bumpy roads.

Alongside this high standard of motoring comfort, the suspension of the 3 Series remains firm and

taut. This is essential in order to provide a high standard of directional stability, sure-footed handling in bends and a quick response to the steering. With continuous at-



The 6-cylinder models are also available with automatic transmission featuring electronic/hydraulic (EH) control with three driving programmes. This allows selection of sports or economy mode, or manual gear selection.

tention also being given to driving safety.

All 3 Series have power steering geared to engine speed, making for easy parking and manoeu-

ring at low speeds.

The 320i and 325i come with a larger fuel tank for long range motoring.

Highly efficient brakes with above-average reserves cope with the power and performance of the 3 Series even in extreme situations. A four-channel anti-lock brake system is fitted as standard on the 325i.



The harmony of car and driver.

The cockpit is where man and machine come together, and where there can be no compromise. A perfect cockpit avoids the slightest risk of error, the smallest distraction, and actively adjusts to the driver. This is the underlying design principle which has made the BMW cockpit the leader in automotive design.

The cockpit sets the controls and instruments in a concave arrangement around the driver's seat, with clear, electronically controlled analogue displays and gentle illumination at night.

The Service Interval Indicator

shows exactly when the next service will be required. Carefully assessing the various factors relevant to vehicle wear (engine speed, engine temperature, mileage covered, time elapsed and the number of starts), the Service Interval Indicator gives ample warning of all forthcoming service requirements. With a normal style of driving, inspection intervals are generally longer than with the conventional system of fixed, rigid intervals.

The active Check/Control (standard from the 320i) is a safety system which constantly monitors

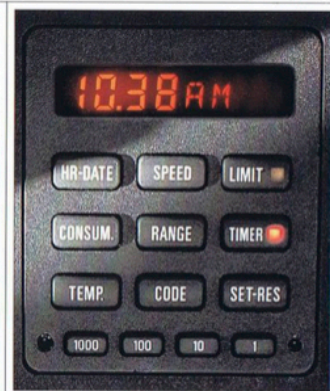
important vehicle functions and immediately provides a clear signal in the event of a deficiency. It checks the low beam headlights, tail lights, number plate illumination, brake lights, coolant level, screenwasher reservoir level and engine oil level.

Another feature, the Energy Control — an electronic fuel consumption gauge — shows you exactly how much fuel the car is currently consuming.

All 3 Series models also have electric front windows and electrically controlled door mirrors, fitted as standard. Both are easily

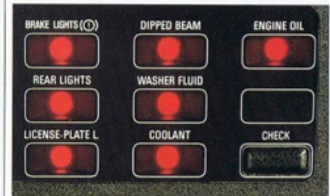


Leather upholstery is available from the 320i and comes in a wide range of colours. Quality workmanship ensures that, whatever your choice, the seats in your 3 Series will be comfortable, fully adjustable and supportive.



The BMW on-board computer (standard on the 320iSE and 325iSE) provides a reliable warning in the case of icy roads or when exceeding a

pre-set speed limit. Information may be retrieved from the computer by depressing the indicator stalk.



Constant safety. The Check/Control is fitted in the roof lining above the interior mirror. Should an important light fail to operate or if, say,

the engine oil level drops too low. Check/Control will give the driver a clearly visible signal (standard from the 320i).

operated from the driver's seat, without taking your eyes off the road. The on-board computer (standard on the 320iSE and 325iSE, optional from 320i) calculates your average fuel consumption, safeguards the car against unauthorised starting by means of a special code, and provides a loud and clear warning signal as soon as the outside temperature drops below +3 deg.C, as well as a host of other useful functions. It is, in effect, a co-driver for the active motorist.

Designed to be driven.

BMW drivers cover more miles a year than the average motorist. For drivers who travel frequently wish to combine work with pleasure, and know exactly what to demand of

an ideal car.

To begin with you must feel completely at home. You must be able to relax, knowing that everything works perfectly. This is precisely why the interior of the 3 Series

is designed to avoid even the slightest fatigue. The front and rear seats have comfortable springs and provide a logical match for the suspension. The seat base and back-rest are body-contoured to

provide optimum comfort and excellent side support in fast bends, offering you and your passengers an ideal seating position at all times. Fatigue-free motoring even on very long trips.

The upholstery provides a refined atmosphere inside the car. Now even more hardwearing, it will not betray the age of a 3 Series even after many years of continuous use.

Top-quality materials and a top-quality finish go hand-in-hand. The seams on the seats, both with the cloth upholstery that comes as standard and the leather upholstery available as an option from the 320i, are strong and precisely sewn. The velour is fitted accurately

on all surfaces and into all corners. The instrument panel fits tightly in position and every lever moves accurately and easily. The doors close firmly and solidly.

Before leaving the factory,

A pleasant climate. Logical, easy-to-use controls with infinitely variable vent adjustment comple-

ment each other to create an effective and ultra-efficient heating and cooling system.



every single 3 Series undergoes a spot check covering hundreds of different items to ensure quality standards. The conscientious quality controllers put their name on the delivery documents, guaranteeing the finish of every BMW that comes off the production line.

A wide range of design features make the 3 Series a pleasant and convenient car to drive day in and day out throughout its long life. Just consider the front seats on the two-door models, for example.

Opening the seat back release fitted on both sides of the passenger backrest, the driver can offer rear-seat passengers easy access. To make things even easier, the

Production quality — from sophisticated processing of parts to utmost precision in assembly.

entire front seat moves forwards. After use, the backrest is returned to its original setting and the seat will automatically return to its preset position.

With the 3 Series sophisticated heating and ventilation system, fresh air is distributed throughout the interior via seven outlet nozzles. The heating itself rapidly warms up the car even in freezing weather. And if you set your standards even higher, air conditioning is available as an option.



Built for the individualist.

BMW offers a wide range of special equipment straight from the factory. The comfort-minded BMW driver, for example, may choose air conditioning or an electric steel sliding/vent roof.

Numerous other features available factory fitted help to accen-

X-ray examinations reveal even the slightest defect the human eye could never see.

uate the unique, dynamic style of the 3 Series. Ranging from Black Satin Chrome finish to firmly upholstered sports seats with adjustable thigh support.

Each and every special feature

offered by BMW is a genuine BMW development and therefore undergoes a comprehensive test programme. Every single light-alloy rim is X-rayed to preclude even the slightest deficiency in material, and one in a 100 rims are put through a special, particularly strict testing procedure. Even the smallest irregularity will then exclude the entire batch from the production line, thus guaranteeing optimum quality at all times.

Even the leather sports steering wheel has to pass numerous tests before it is accepted by BMW as worthy for the 3 Series. Crash tests serve to study the deformation and flexibility of the steering wheel hub. Simulated endurance and fatigue tests show how long the leather will last. Maximum at-

tention is naturally also given to the looks and visual impression of the steering wheel. And of course

Sports suspension, light alloy wheels, leather upholstery — unlimited individuality.

the steering wheel must provide optimum visibility of the instruments and must blend harmoniously with the overall design of the cockpit.

These are just some examples of the attention to detail BMW gives to each and every feature. For only the very best qualifies for the supreme standards of the 3 Series.

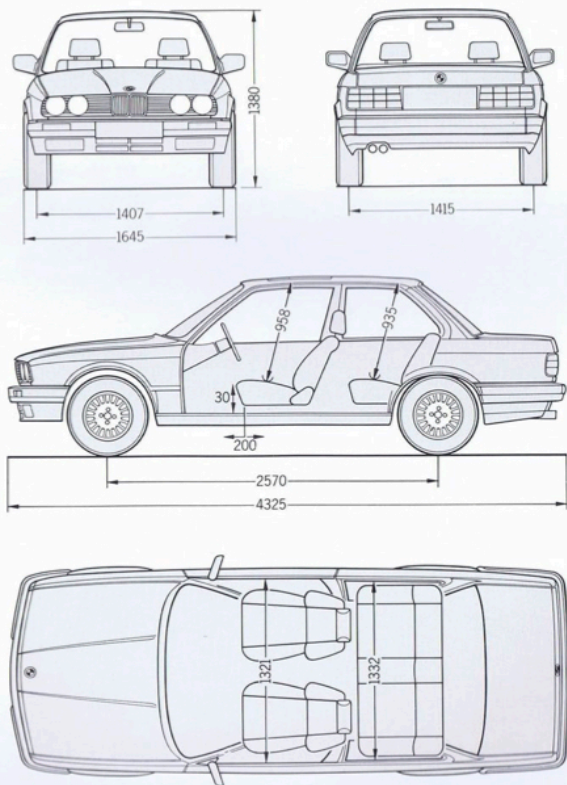


An extensive range of specially designed equipment that allows the discerning driver to tailor the 3 Series to their own unique requirements. Manual or electric sliding/vent roof. "Shadow Line" colour-matched finish. Classis alloy wheels. Plus BMW sports seats and steering wheel and luxurious leather trim.



Alternatively, for the 320i and 325i, there is the Special Equipment option that includes power assisted steering, electric sliding/vent roof, electric windows and headlights cleaning system as standard specification. Please consult your BMW dealer for full details.

The most important data.



316i

318i

320i_[SE]325i_[SE]325i_{SPORT}

WEIGHT						
Unladen	kg/lbs	1065/2348 (1085/2392)	1065/2348 (1085/2392)	1125/2480 (1145/2524)	1180/2601 (1200/2646)	1180/2601 (1200/2646)
Max permissible	kg/lbs	1525/3362 (1545/3406)	1525/3362 (1545/3406)	1585/3494 (1605/3538)	1640/3616 (1660/3660)	1640/3616 (1660/3660)
Permitted load	kg/lbs	460/1014	460/1014	460/1014	460/1014	460/1014
Permitted axle load front/rear	kg/lbs	775/1709/845/1863	775/1709/845/1863	820/1808/865/1907	820/1808/905/1995	820/1808/905/1995
Permitted roof load	kg/lbs	75/165	75/165	75/165	75/165	75/165
Permitted trailer load unbraked/braked*	kg/lbs	500/1102/1200/2646	500/1102/1200/2646	500/1102/1200/2646	500/1102/1200/2646	0/0/0/0
ENGINE						
Cylinder		4	4	6	6	6
Capacity	cc	1596	1796	1990	2494	2494
Stroke/bore	mm	72/84	81/84	66/80	75/84	75/84
Nominal output/rpm	kW/bhp/rpm	75/102/5500	85/115/5500	95/129/6000	125/170/5800	125/170/5800
Max. torque/rpm	Nm/ft-lb/rpm	143/105/4250	165/122/4250	164/121/4300	222/164/4300	222/164/4300
Output per litre	kW/bhp/ltr	47.0/63.9	47.4/64.0	47.7/64.8	50.1/68.2	50.1/68.2
Torque per litre	Nm/ft-lb/ltr	89.6/65.8	91.9/67.9	82.4/60.8	89.0/65.8	89.0/65.8
Compression ratio/fuel grade	: 1	9.0/leaded/unleaded	8.8/leaded/unleaded	8.8/leaded/unleaded	8.8/leaded/unleaded	8.8/leaded/unleaded
TRANSMISSION						
Standard gearbox ratios I/II/III/IV/V/R	: 1	3.72/2.02/1.32	3.72/2.02/1.32	3.72/2.02/1.32	3.83/2.20/1.40	3.35/2.03/1.36
	: 1	1.00/0.80/3.45	1.00/0.80/3.45	1.00/0.80/3.45	1.00/0.81/3.46	1.00/0.81/3.18
Final drive ratio	: 1	4.27 (4.45)	4.10 (4.45)	4.10 (4.45)	3.73 (3.73)	3.91 (3.73)
PERFORMANCE						
Drag coefficient	Cd	0.35	0.36	0.37	0.36	0.36
Top speed (Auto)	km/h/mph	182/113 (177/110)	189/117 (187/116)	197/122 (195/121)	218/135 (194/121)	218/135 (194/121)
Acceleration 0-100 km/h (62 mph) (Auto)	sec	12.1 (14.1)	10.8 (11.8)	10.6 (12.3)	8.3 (9.9)	8.3 (9.9)
Standing-start km (Auto)	sec	33.7 (35.6)	32.2 (33.6)	31.7 (33.6)	29.0 (30.8)	29.0 (30.8)
Flexibility 80-120 km in 4th gear (standard gearbox)	sec	12.5	10.5	11.6	9.1	8.4
FUEL CONSUMPTION						
90 km/h (56 mph)	ltr/100 km / mpg	6.0 (6.3)/47.1 (44.8)	6.0 (6.4)/47.1 (44.1)	7.3 (7.4) [7.4]/38.7 (38.2) [38.2]	7.0 (7.1) [7.1]/40.4 (39.8) [39.8]	7.2 (7.1)/39.2 [39.8]
120 km/h (75 mph)	ltr/100 km / mpg	7.9 (8.2)/35.8 (34.4)	7.9 (8.3)/35.8 (34.0)	9.0 (9.2) [9.2]/31.4 (30.7) [30.7]	8.5 (8.7) [8.7]/33.2 (32.5) [32.5]	8.8 [8.7]/32.1 [32.5]
Urban	ltr/100 km / mpg	9.7 (10.1)/29.1 (28.0)	9.7 (10.2)/29.1 (27.7)	12.7 (12.9) [12.9]/22.2 (21.9) [21.9]	12.8 (13.1) [13.0]/22.1 (21.6) [21.7]	13.0 [13.0]/21.7 [21.7]
Average	ltr/100 km / mpg	7.9 (8.2)/35.8 (34.4)	7.9 (8.3)/35.8 (34.0)	9.7 (10.3) [10.3]/29.1 (27.4) [27.4]	9.4 (9.6) [9.6]/30.1 (29.4) [29.4]	9.7 [9.6]/29.1 [29.4]
WHEELS						
Tyre dimensions		175/70 R14 T	195/65 R14 H	195/65 R14 H	195/65 VR 14	205/55 VR 15
Tyre dimensions [SE]				[195/65 R 14 H]	[195/65 VR 14]	
Wheel dimensions		5.5 J x 14	5.5 J x 14	5.5 J x 14	5.5 J x 14	7 J x 15
Wheel dimensions [SE]				[6 J x 14]	[6 J x 14]	
Material		Steel	Steel	Steel	Steel	Light alloy
Material [SE]				[Light alloy]	[Light alloy]	
Alloy wheel style						Cross spoke
Alloy wheel style				[TR]	[TR]	
ELECTRICAL SYSTEM						
Battery capacity	Ah	46	46	50	65	65
Alternator output	A/W	65 (80)/910 (1120)	65 (80)/910 (1120)	80 (80)/1120 (1120)	80 (80)/1120 (1120)	80 (80)/1120 (1120)

* With a max gradient of 12%.

Figures in () apply to vehicles with automatic transmission without EH control.
Figures [] apply to vehicles with automatic transmission and EH control.

Unladen weight applies to vehicles with standard equipment. Special equipment and optional extras may increase this figure.

BODYWORK

Two/four-door saloon, mono-coque all-steel bodywork welded to the floor assembly, torsionally rigid safety cell on all planes, front and rear crumple zones with pre-determined deformation, integrated roof cross-bar, all-round body reinforcement.

Tank capacity 55 ltr, 12.1 gallons (316i/ 318i), 62 ltr, 13.6 gallons (320i/325i). 325i Sport: two door model only.

ENGINE

Water-cooled 4-cylinder 4-stroke inline engine, longitudinally mounted and inclined, light-alloy cylinder head, crossflow principle, spherical combustion chambers, overhead camshaft with 5 bearings, crankshaft running 5 bearings with 8 counterweights.

Digital Motor Electronics III with electronic grid-controlled ignition and grid-controlled air volume-metered fuel injection, warm-up control grid and automatic choke, fuel supply with overrun control, self-learning idle speed control, on-board diagnosis with emergency running function.

From 320i

Water-cooled 6-cylinder 4-stroke inline engine, longitudinally mounted and inclined, light-alloy cylinder head, crossflow principle, spherical combustion chambers, overhead camshaft with 7 bearings, crankshaft running in 7 bearings, with 12 counterweight, torsional vibration damper.

From 325i

Engine oil cooler.

TRANSMISSION/SUSPENSION

Standard drive: engine at the front, power transmission to rear wheels. Hydraulically actuated single-plate dry clutch with automatic adjustment for wear and torsional vibration damper. 5-speed gearbox (top speed in 5th gear).

Single-joint spring strut front axle with anti-dive and anti-roll bar. Semi-trailing arm rear axle (swept back by 15 deg), anti-squat and anti-dive, separate springs/shock absorbers, power assisted steering, safety steering column.

Brake pressure governor on rear axle, asbestos-free clutch linings and brake pads, fist-calliper disc brakes at the front, self-adjusting drum brakes at the rear, handbrake acting mechanically on rear wheels, flush wheel covers. 5.5 J x 14 steel wheels with 175/70 R14 T tyres.

From 318i

195/65 R14 H tyres.

From 320i

Twin-sleeve gas-pressure shock absorbers. Inner-vented disc brakes at the front.

From 325i

Sports-tuned suspension with anti-roll bar at the rear, disc brakes front and rear. Hand-brake acting mechanically on rear wheels through additional drum brakes. Anti-lock braking system (ABS). 195/65 VR14 tyres.

320iSE/325iSE

6J x 14 alloy road wheels.

325i Sport

M Technic sports suspension. 5 speed sports gearbox with conventional gate pattern. Limited-slip rear axle (25% locking action). 7J x 15 cross spoke alloy wheels with 205/55 VR 15 tyres.

BMW Service.

LIFE-LONG RELIABILITY.

To ensure that your BMW always remains in perfect condition, reliable and economic, BMW service starts right from the beginning, in the design and development of BMW cars. Components and parts are designed to be easy to repair and features such as the BMW Service Interval Indicator and BMW Active Check Control ensure that each car receives the maintenance it requires.

Aftersales service is guaranteed by a most competent partner: The BMW dealer, able to give you the service quality you rightly expect. Highly qualified technicians in modern workshops with the most advanced equipment, provide excellent service, praised time and again in impartial tests.

Electronic control systems in the car and at the dealership ensure reliable detection and diagnosis of defects. Even temporary, occasional defects are "memorised" in the car by the on-board diagnosis system. These are then clearly displayed at the workshop when interrogated by the BMW Service Tester, resulting in a prompt and cost-efficient repair.

It goes without saying that your BMW workshop uses BMW Ap-

proved Parts, essential for providing optimum quality, reliability and accuracy to BMW's high standard.

Efficient logistics guarantee that 80,000 different parts are available worldwide within just 24 hours. And since we are committed to the quality of our work and the "Genuine BMW" standard, we offer a 12 month warranty on every BMW Approved Part fitted to your car.

Added Value Services, customer convenience, fitted prices, seasonal events and special products — are naturally also available.

This ensures that your BMW will remain what it is throughout a long running life: the ultimate driving machine.

The models illustrated in this brochure show the specifications for the U.K. 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 the text and illustrations, may occur. For precise information, please contact your BMW importer or dealer. Subject to change in design and equipment.

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316i 318i 320i 325i

EXTERIOR FEATURES

Twin circular headlights integrated in radiator grille. All-round parking protection through wrap-around bumpers and rubber side strips. Front and rear bumpers impact-proof up to 2.5mph. Integral front air dam, engine compartment lid supported when open by torsion bar and gas-pressure spring.

Laminated windscreen, heated rear window, green tinted glass all round. Chrome strips on rainsill and side window frames.

Lockable fuel tank filler flap with holder for tank cap on flap.

Hollow cavity preservation, undersealing. 6-year warranty against rust perforation provided rust-proofing is checked annually.

Central locking with dead lock, one key for all locks.

From 325i

Front air dam with opening for engine oil cooler, rear spoiler on luggage compartment lid.

325i Sport

M Technic body kit: front spoiler, rear spoiler, side and rear skirts.

Black satin chrome including bumpers in colour of car (available colours: diamond black, dolphin, lachs silver).

INTERIOR FEATURES

Full carpeting of entire floor and parcel shelf. Lockable, illuminated glove compartment. Stowage spaces on instrument panel, front and rear centre console, stowage boxes in front doors. Armrests on front doors with integral grab handles. Illuminated ashtray for rear seat passengers on centre console. Foam-padded four spoke steering wheel, dia 380mm.

Safety padding on front roof pillars. Anti-dazzle safety mirror.

Reclining front seats with fine backrest and seat height adjustment, longitudinal seat adjustment on roller bearings. Front passenger's backrest on two-door model can be released and tipped forward from driver's seat. Front head restraints infinitely adjustable for height and angle, front seats move forward when backrest is tilted to the front (two-door model).

Inertia-reel seat belts at the front with belt restrainer and covered roller, bracket for lower anchorage point (two-door model), belt lock anchored on front seats (both inner belt locks on four-door model).

Inertia-reel seat belts at the rear, hip belt in the middle, belt locks recessed in backrest.

Toolbox in luggage compartment lid, spare wheel beneath luggage compartment floor, luggage compartment illuminated and with padded edges for safe loading. Luggage compartment capacity 425 ltr/14.9 cu ft (to VDA standard).

From 320i

Rear centre arm rest.

325i Sport

Map reading lamps integrated into interior mirror. M Technic sports steering wheel. BMW sports seats for driver and front passenger.

From 320i

Full velour carpeting of entire floor and parcel shelf, all-round door upholstery with fabric centre-piece, safety padding above windscreen with recessed sun visors.

From 325i

Luggage compartment capacity 404 ltr/14.1 cu ft (to VDA standard).

ELECTRICAL SYSTEM

Twin halogen headlights with ellipsoid technology for low beam, built-in rear fog warning lights, two reversing lights. Electrically adjustable rear-view mirrors and front electric windows.

Instruments and controls grouped in semi-circular layout around the driver. Electronic speedometer and rev counter with energy control. Analogue quartz clock in centre console. Trip counter, Service Interval Indicator, fuel gauge and coolant temperature gauge. Additional warning lights for fuel level, handbrake on, brake pad wear and brake fluid level, oil pressure. Electric screen-washer system with automatic wash/wipe and fingertip control, two wiper speeds, intermittent wipe, operated from steering column, rechargeable torch in glove compartment.

Heating/ventilation; fresh air heater independent of engine speed, quiet 4-stage blower, defroster nozzles for windscreen and side windows, fresh air supply through 4 outlet grilles at the side and in the middle, cylindrical outlet with a wide range of vertical adjustment, horizontal adjustment and separate on/off control, forced extraction of stale air.

From 320i

Check/Control with active display above windscreen for automatic verification with the ignition switched on of low-beam headlights, tail lights, number plate illumination, brake lights, coolant level, screenwasher reservoir level, engine oil level, central indicator light in instrument cluster. Twin-tone horns. Lens technology front fog lamps.

From 325i

ABS indicator light in instrument cluster. Battery in luggage compartment.

320iSE/325iSE

4-door version has electrically operated rear windows. Headlamp wash-wipe system including intensive cleaner reservoir.

On board computer.

Electrically operated sliding/tilting sun-roof.

325i Sport

Headlamp wash-wipe system including intensive cleaner reservoir.



THE ULTIMATE DRIVING MACHINE