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## The new MINI Convertible.

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# THE NEW MINI CONVERTIBLE. PROFILE.



- New MINI Convertible more dynamic, stylish, practical and refined than ever before
- Three-car line-up at launch: MINI Cooper Convertible, MINI Cooper D Convertible, MINI Cooper S Convertible
- On sale March 2016, priced from £18,475 OTR
- New fully electric roof that's quieter and more refined. Retracts fully in 18 seconds
- Boot volume increased by 25 per cent against the outgoing model and greater space for rear seat passengers
- Exceptionally high levels of standard equipment: MINI Visual Boost Radio, MINI Connected, Bluetooth, Rear Parking Distance Control and Rear Reversing Camera
- Industry-first personalisation options include new MINI Yours Union Jack woven fabric roof

The reinvention of the MINI brand continues apace with the launch of the all-new MINI Convertible. With major refinements against its predecessor, the car features a striking new design and significant enhancements to make open-topped MINI motoring even more dynamic, stylish and practical.

Officially on sale in the UK from March 2016, it follows hugely successful model launches in 2004 and 2009. After 12 years of sales success, it remains the only premium soft-top four-seater convertible in the small car segment, and the UK continues to be the largest market worldwide for the new MINI Convertible.

Brand new features include a fully electric roof that is quieter and smoother than the previous model, a fully integrated rollover protection system and more rear space than ever before.

A striking new exterior and interior design ensures the new MINI Convertible is unmistakably MINI, whilst showcasing a blend of sporting flair and elegant dynamism.

The all-new MINI Cooper Convertible and Cooper D Convertible are 3,821 mm long, with the MINI Cooper S Convertible 3,850 mm long. All models are 1,727 mm wide, 1,415 mm high and have a wheelbase of 2,495 mm.

Those dimensions have increased compared with the outgoing model, with 98 mm extra length, 44 mm extra width and 1 mm extra height. The wheelbase is 28 mm longer and track width has also grown a further 42 mm at the front and 34 mm at the rear.

The increase in dimensions has enhanced comfort levels and freedom of movement in all four seats. The two front seats have a wider range of adjustment, while rear passengers benefit from easier access, more headroom, a longer seat surface and improved lateral support. The design of the new rear more clearly defines the two individual seats.

Day-to-day practicality has also improved. Smart design and interior packaging means luggage volume has expanded by around 25 per cent to 215 litres with the roof closed and 160 litres with it folded down.

A high level of standard equipment across the range includes MINI Visual Boost Radio with a 6.5-inch screen, MINI Connected, Bluetooth connectivity with USB audio, Rear Parking Distance Control and a Reversing Camera.

Personalisation is once again at the heart of the new MINI Convertible. Options include an industry-first Union Jack design woven into the MINI Yours fabric roof. There are two new exterior colours – Caribbean Aqua and Melting Silver – with a new Chester leather in Malt Brown available for the interior.

Model	HP	Trans	CO2	OTR
MINI Cooper Convertible	136	Man	114	£18,475
		Aut	119	£19,745
MINI Cooper D Convertible	116	Man	100	£20,225
		Aut	104	£21,495
MINI Cooper S Convertible	192	Man	139	£22,430
		Aut	131	£24,055

A three-car range will be available from launch – the MINI Cooper Convertible, MINI Cooper D Convertible and MINI Cooper S Convertible – with two petrol engines and one diesel. On-the-road pricing starts at just £18,475.

## **The new MINI Convertible: open-topped motoring in style**

The most important element of any convertible is its roof, and MINI has gone to great lengths to further improve the quality of this key component. Fully electric, the roof of the new MINI Convertible is suitable for year-round use and has been optimised for the very best heat and acoustic insulation. Quieter than ever before, when opened it folds neatly behind the rear seats. The front roof section can also be retracted by up to 40 cm, and this can be carried out at any speed.

For a quick reaction to sudden changes in the weather, the soft-top can be opened and closed at speeds of up to 18 mph. The two operations are activated by means of a toggle switch on the front roof frame. When the vehicle is stationary, it can also be operated using a button on the remote key. Both operations take just 18 seconds. A button located in the driver's door trim allows for simultaneous opening and closing of all four side windows.

As an alternative to the standard version of the soft-top in black, a MINI Yours version is available for the first time with an integrated woven graphic. It's an innovative and unique way to customise the new MINI Convertible. Based on the popular roof graphic from the MINI Hatch, the Union Jack motif is finished in a black and grey herringbone pattern.

Safety is a critical consideration in open-topped cars and the new MINI Convertible includes new integrated rollover protection which extends automatically when required. Also improved is the optional wind deflector which can be locked into position behind the driver and front passenger seats so to provide protection from unwanted air turbulence during open-topped driving. After use it can be removed and stowed in the luggage compartment.

### **Exterior design: all-new but unmistakable**

Reflecting the styling changes already seen on the latest versions of the MINI 3-door Hatch, MINI 5-door Hatch and MINI Clubman, the all-new MINI Convertible showcases a blend of sporting flair and elegant dynamism.

Emphasising the elongated silhouette, the chrome band that runs horizontally along the shoulder line, the short overhangs and the sculpted surfaces are all pure MINI. Family cues include the large circular headlamps with chrome rings, the hexagonal radiator grille, the 'side scuttle' indicator surrounds and black lower edging to the body panels.

In conjunction with the optional Chrome Line exterior, the lower air inlet also features a chrome surround. On the MINI Cooper Convertible and MINI Cooper D Convertible, the ribs of the radiator grille and the bumper trim where the number plate sits are finished in high-gloss black. The performance credentials of the new MINI Cooper S Convertible are highlighted with an additional bonnet vent, and brake ducts in the lower air inlet. In addition, the chrome rib of the radiator grille bears an 'S' logo in red that's repeated on the side scuttles.

At the rear, the vertical light clusters feature chrome surrounds. Add in the tailgate handle strip, the distinctive bumper and the widening lower section of the body, and this car has all the MINI family signatures. The new MINI Cooper S Convertible can be identified by two centrally positioned exhaust pipes and a model-specific rear apron, complete with diffuser. The other engine variants have a rear fog light there instead.

Boot volume of the new MINI Convertible is 160 litres with the roof open and 215 litres when it's closed. Both figures are approximately 25 per cent more than its predecessor. The tailgate opens downwards and can support a weight of up to 80 kg, for ease of loading.

When the roof is closed, the luggage compartment opening can be expanded to stow larger items by means of the Easy Load function, which comes as standard. Two locking handles enable the roof frame to be swung higher up than in the previous MINI Convertible. For long loads, the car's standard 50:50 split folding rear seat back rest makes life easier. The through-loading facility – widened by 8 mm to 734 mm – is ideal for items such as skis or snowboards.

The selection of paint finishes on the new MINI Convertible has been extended on this new model. For the first time, Caribbean Aqua metallic and Melting Silver metallic are now available, in addition to seven other metallic and four non-metallic finishes. All can be combined with exterior options including Chrome Line exterior, mirror caps and bonnet stripes.

### **A high-quality interior for an exclusive driving experience**

MINI's unique approach to cabin design showcases the best in contemporary styling, use of premium materials and high-quality workmanship. Nowhere is that better illustrated than in the new MINI Convertible, where a new Chester leather is available for the first time in Malt Brown colour.

At the heart of the car's appeal is increased space and comfort compared with the model. The extended adjustment range of the front seats ensures convenient entry and exit for rear passengers. Longer seat surfaces, increased headroom, extra shoulder width, extra elbow space, and more knee room (by 36 mm) all contribute to the enhanced rear.

In the front, MINI's characterful dashboard and instruments are as striking as ever. The horizontally structured cockpit matched with circular or elliptical contours for displays, air vents and door trim will all be familiar. Much-loved MINI elements such as the instrument panel on the steering column, large central display screen and red start/stop button at the centre of the dashboard are all present.

In both the front and rear there are cupholders and storage spaces for small items and drinks. Bottles of up to 1.5 litres in volume fit in the two door pockets. A storage package is available as an option, consisting of storage nets for the

luggage compartment and passenger footwell. A 12-volt socket in the luggage compartment is also included.

For an interior design geared towards the customer's own personal style, there is a broad selection of upholstery colours, interior surfaces, cockpit facia frames, lighting packages, and Colour Lines and Chrome Lines for the interior, including MINI Yours options.

### **MINI TwinPower Turbo Technology: the latest three and four-cylinder engines**

To ensure outstanding driving performance with exceptional efficiency, the latest generation of EU6-compliant engines are installed under the bonnet. The petrol engines inside MINI Cooper Convertible and MINI Cooper S Convertible – 1.5-litre three-cylinder and 2.0-litre four-cylinder respectively – feature turbocharging, direct fuel injection with centrally positioned injectors, variable camshaft control on the intake and exhaust side (double VANOS) and fully variable VALVETRONIC valve control technology. On the 1.5-litre diesel three-cylinder engine in the MINI Cooper D Convertible, there is turbocharging with variable intake geometry and common rail direct injection.

#### **MINI Cooper Convertible:**

Capacity: 1,499 cc

Output: 100 kW/136 hp at 4 400 rpm

Max. torque: 220 Nm at 1 250 rpm

Acceleration (0–62 mph): 8.8 seconds (automatic: 8.7 seconds)

Top speed: 129 mph (128 mph)

Average fuel consumption: 55.4 mpg (53.3 mpg)

CO<sub>2</sub> emissions: 114 g/km (119 g/km)

#### **MINI Cooper D Convertible:**

Capacity: 1,496 cc

Output: 85 kW/116 hp at 4 000 rpm,

Max. torque: 270 Nm at 1 750 – 2 250 rpm

Acceleration (0–62 mph): 9.9 seconds (automatic: 9.9 seconds)

Top speed: 121 mph (121 mph)

Average fuel consumption: 70.6 mpg (68.9 mpg)

CO<sub>2</sub> emissions: 100 g/km (104 g/km)

#### **MINI Cooper S Convertible:**

Capacity: 1,998 cc

Output: 141 kW/192 hp at 5 000 – 6 000 rpm

Max. torque: 280 Nm at 1 250 – 4 000 rpm

Acceleration (0–62 mph): 7.2 seconds (automatic: 7.1 seconds)

Top speed: 143 mph (142 mph)

Average fuel consumption: 46.3 mpg (48.7 mpg)

CO<sub>2</sub> emissions: 139 g/km (131 g/km)

Power is directed to the front wheels, with a six-speed manual transmission as standard. Offering increased efficiency, optimised acoustic and vibration response and enhanced shift comfort, a gear sensor enables active engine speed adaptation for especially sporty shifting when accelerating and increased comfort when shifting down.

A six-speed Steptronic transmission is available as an option, also more efficient and refined than ever before. Steptronic sports transmission with steering wheel-mounted shift paddles can be specified on the MINI Cooper S Convertible. It offers reduced shift times, and features a Launch Control function for traction-optimised acceleration from a standing start. Both automatic variants have a transmission control system that is able to draw on navigation data to aid gear and shift-point selection.

MINIMALISM technology is fitted as standard across the range, including an auto start/stop function in conjunction with both manual and Steptronic transmissions, brake energy recuperation, shift-point display and electro-mechanical power steering. In addition to the map-controlled oil pumps, needs-based control of the fuel and coolant pumps also contributes to the efficiency of the engines. An optimised preheating process reduces the energy required to start the diesel engine in the MINI Cooper D Convertible by around 50 per cent. Extensive underbody panelling optimises aerodynamic performance.

The optional MINI Driving Modes enable individual vehicle set-up by means of a rotary switch at the base of the gear lever. In addition to the standard MID mode, there is a choice of SPORT and GREEN. Adjustments influence the characteristic curves of the accelerator, steering and – if the car is specified accordingly – the shift characteristics of the Steptronic transmission and the Dynamic Damper Control program map.

In SPORT mode, the overall set-up is geared towards active driving fun, while GREEN mode supports relaxed and fuel-efficient driving. For example, in Steptronic cars it's possible to use the 'coasting' function, where the drivetrain is decoupled at speeds of between 31 and 99 mph as soon as the driver's foot is removed from the accelerator pedal.

### **Optimised suspension set-up for sporty handling and the latest safety technology**

The increase in wheelbase and track width over the outgoing model has provided an ideal starting point for the driving dynamics of the all-new MINI Convertible. The combination of single-joint strut front axle and multi-link rear axle – unique in the small car segment – and a convertible-specific set-up means the car is exceptionally agile but also supremely comfortable on all road surfaces. A sports suspension, which is geared towards even more dynamic driving, is available as an option on all models.

The electro-mechanical power steering includes speed-related Servotronic support for maximum precision during cornering and for comfortable manoeuvring at low speeds. A new option, available for the first time on the MINI Convertible, is Variable Damper Control. Two program maps are available to choose from, allowing the MINI Driving Modes to be used to activate either a comfort-oriented or a sporty response.

The MINI Cooper Convertible and MINI Cooper D Convertible are fitted with 15-inch light alloy wheels as standard. The MINI Cooper S Convertible comes with 16-inch light alloy wheels. Optional extras, in sizes from 16 to 18 inches, can be specified by the customer.

In addition to the ABS, electronic brake force distribution (EBD), cornering brake control (CBC), and the brake assistant, the standard-fit driving stability control system (DSC) also includes a drive-off assistant, a brake dry function, fading brake support and dynamic traction control (DTC). This latter system permits controlled slip for driving off in loose sand or snow.

Enhancing the driving stability control system (DSC), and active even when DSC is turned off, there is an electronic locking function for the front axle differential known as the electronic differential lock control (EDLC). This selectively brakes a spinning drive wheel on tight corners, redirecting torque to the other wheel. A standard feature in the MINI Cooper S Convertible, performance control supports agile steering for dynamic cornering prior to reaching the threshold level.

The agile, highly predictable and secure driving offered by the new MINI Convertible is due to its highly rigid body structure. The convertible-specific elements which increase stiffness include torsion struts in the front and rear area of the underbody, selective optimisation in the area of the side sills and a stiffening plate underneath the engine.

In addition, the new MINI Convertible is fitted with a rollover protection system with actuators connected to the car's safety electronics. For the first time, the rollover protection elements are integrated and completely invisibly. As soon as the car detects the risk of a rollover, two protection bars made of high-strength aluminium retract within 150 milliseconds by means of a pyrotechnical trigger. Combined with the convertible-specific reinforced windscreen frame, this forms a stable survival space for vehicle occupants.

Additional standard safety features include front airbags, side head-thorax airbags integrated in the backrests and three-point automatic belts on all seats. These include belt tensioners at the front, plus ISOFIX child seat mountings at the rear and for the front passenger seat. A tyre pressure display for each individual wheel is also fitted as standard. Meanwhile, a partially active bonnet, impact absorbers and precisely defined deformation elements ensure optimised pedestrian protection.



## **Driver assistance systems: innovations for increased comfort and safety**

MINI's suite of driver assistance systems are second to none, and many are showcased on the new Convertible. They include park distance control (PDC) with rear sensors and rear view camera as standard, and front sensors as an option. Parking Assistant is also available as an option.

The Driving Assistant option comprises a camera-based cruise control and distance control system, as well as collision and pedestrian warning with initial brake function. It also includes road sign detection for speed limits and overtaking bans, plus high beam assistant.

New to the MINI Convertible is MINI Head-Up Display. The system projects driving-related information on to an extendible display in the upper area of the instrument panel. There it can be read quickly and conveniently without the driver having to avert their eyes from the road.

## **A high level of standard equipment, plus desirable options**

Standard across the range is air conditioning, central locking with keyless engine start and MINI Visual Boost Radio with AUX-In and USB socket. Two-zone air conditioning with an automatic convertible mode is available as an optional extra.

Others options include a sports steering wheel (standard on the MINI Cooper S Convertible), heated front seats, a visibility package including windscreen heating, a rain sensor with automatic driving lights control, Comfort Access, a Harmon Kardon hi-fi speaker system, plus heated/folding exterior mirrors. A new digital version of the Always Open Timer, which registers the time spent driving with the roof down, is also on the options list.

In addition, there is a MINI Yours sports steering wheel with a soft nappa rim and hand-stitched seams, as well as sports-oriented John Cooper Works options. These include an aerodynamics kit, leather steering wheel and sport seats.

A host of new exterior lighting options are available on the car, including all-LED lights, the addition of adaptive light distribution geared towards driving situation and road layout, plus an LED turning light. Inside the car, the optional LED lighting package creates a sophisticated ambience. The MINI Excitement Package includes a downwards projection of the MINI logo from the exterior mirror on the driver's side, activated when the car is unlocked.

Customers wishing to add extra spice to their MINI Convertible can choose to add a Chili pack to their car. Containing some of the most popular optional extras, such as LED headlights and daytime running lights, Interior lighting pack, Automatic dual-zone air conditioning, cruise control, MINI Excitement pack and much more, Chili pack helps MINI Convertible customers to get more MINI for their money.

## **New from MINI Connected: MINI Streetwise and rain warning function.**

MINI Visual Boost Radio and MINI Connected are standard across the range, with MINI Navigation System and MINI Navigation System XL, featuring a gorgeous 8.8 inch colour display, available as an option. MINI Connected offers extensive integration of smartphones in the car, allowing access to infotainment, communication and driving experience apps.

The MINI Connected app comprises new and exclusive functions to increase comfort and driving pleasure in the MINI Convertible. For example, Streetwise is available for the first time, providing the driver with tips for the optimum route before the journey gets underway.

A SIM card can be fitted permanently into the new MINI Convertible. This means Intelligent Emergency Call with automatic detection of vehicle location and accident severity is available, as well as MINI TeleServices. The optional Media XL Pack includes both MINI Navigation XL and MINI Connected XL with the Journey Mate function. This helps the driver plan routes, as well as providing personalised information while travelling. It also features a real-time traffic radar function with highly precise and up-to-date traffic information.

Another new feature incorporated into MINI Connected XL, developed especially for the MINI Convertible, is the 'rain warner' function. If the vehicle is parked with the roof open and the forecast is bad, the driver is sent a message via their smartphone suggesting that it might be time to close up. If the MINI Convertible is being driven and there is rain forecast ahead, the driver will be alerted on the centre console. Additionally, if the car is travelling over 30 mph, MINI Connected XL will suggest possible places to pull over and close the roof.

Ends

### **The BMW Group**

With its three brands BMW, MINI and Rolls-Royce, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. As a global company, the BMW Group operates 30 production and assembly facilities in 14 countries and has a global sales network in more than 140 countries.

In 2014, the BMW Group sold approximately 2,118 million cars and 123,000 motorcycles worldwide. The profit before tax for the financial year 2014 was approximately € 8.71 billion on revenues amounting to € 80.40 billion. As of 31 December 2014, the BMW Group had a workforce of 116,324 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company has therefore established ecological and social sustainability throughout the value chain, comprehensive product responsibility and a clear commitment to conserving resources as an integral part of its strategy.

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# TECHNICAL SPECIFICATIONS.

## MINI COOPER CONVERTIBLE,

## MINI COOPER CONVERTIBLE AUTOMATIC.



Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. l	40	40
Engine oil	l	4.25	4.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1205 / 1280	1230 / 1305
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1670	1695
Permitted axle loads, front/rear	kg	910 / 800	940 / 800
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited download	kg	- / -	- / -
Luggage compartment volume	l	160 / 215	160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.34 / 2.07 / 0.70	0.34 / 2.07 / 0.70
<b>Engine</b>			
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		MEVD 17.2.3	MEVD 17.2.3
Capacity	cc	1499	1499
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW/hp	100 / 136	100 / 136
at engine speed	rpm	4400	4400
Torque (with overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1250	1250
<b>Electrical system</b>			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
<b>Suspension</b>			
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control	
Rear wheel suspension		Multilink axle with weight-optimised trailing arms	
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Handbrake impacts electrically on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
Tyres		175/65 R15 84H	175/65 R15 84H
Rims		5.5J x 15 light alloy	5.5J x 15 light alloy
<b>Transmission</b>			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.555
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.421	3.683
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	12.1	12.3
Power output per litre	kW/l	66.7	66.7
Acceleration	0-62 mph	s	8.7
Top speed	mph	129	128

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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	mpg	47.1	44.8
Extra-urban	mph	62.8	60.1
Total	mph	55.4	53.3
CO <sub>2</sub>	g/km	114	119
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	<sup>2)</sup>	<sup>2)</sup>
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage  
<sup>2)</sup> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER S CONVERTIBLE, MINI COOPER S CONVERTIBLE AUTOMATIC.

Body	MINI Cooper S Convertible		MINI Cooper S Convertible Automatic	
Number of doors/seats		2 / 4		2 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1415		3850 / 1727 / 1415
Wheelbase	mm	2495		2495
Track width, front/rear	mm	1485 / 1485		1485 / 1485
Turning circle	m	10.8		10.8
Fuel tank capacity	approx. l	44		44
Engine oil	l	5.25		5.25
Transmission oil incl. drivetrain	l	lifetime filling		lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1275 / 1350		1295 / 1370
Payload according to DIN	kg	460		460
Permitted gross vehicle weight	kg	1745		1765
Permitted axle loads, front/rear	kg	955 / 810		975 / 810
Permitted trailer load				
braked (12 %) / unbraked	kg	- / -		- / -
Permitted roof load/permitted download	kg	- / -		- / -
Luggage compartment capacity	l	160 / 215		160 / 215
Aerodynamic drag c <sub>x</sub> / A / c <sub>x</sub> × A	- / m <sup>2</sup> / m <sup>2</sup>	0.36 / 2.08 / 0.75		0.36 / 2.08 / 0.75
<b>Engine</b>				
Type/no. of cylinders/valves		In-line / 4 / 4		In-line / 4 / 4
Engine control		MEVD 17.2.3		MEVD 17.2.3
Capacity	cc	1998		1998
Bore/stroke	mm	82.0 / 94.6		82.0 / 94.6
Compression	:1	11.0		11.0
Fuel	RON	91-98		91-98
Output	kW/hp	141 / 192		141 / 192
at engine speed	rpm	5000 - 6000		5000 - 6000
Torque (with overboost)	Nm	280 (300)		280 (300)
at engine speed	rpm	1250 - 4600		1250 - 4600
<b>Electrical system</b>				
Battery/installation	Ah / -	80 / engine compartment		80 / engine compartment
Alternator	A	150		150
<b>Suspension</b>				
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control		
Rear wheel suspension		Multilink axle with weight-optimised trailing arms		
Brakes, front		disc, vented		disc, vented
Rear brakes		disc		disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control.		
		Handbrake impacts electrically on rear wheels		
Steering		Electrically assisted EPS unit with Servotronic function		
Overall steering ratio	:1	14.0		14.0
Tyres		195/55 R16 87W		195/55 R16 87W
Rims		6.5J × 16 light alloy		6.5J × 16 light alloy
<b>Transmission</b>				
Transmission type		6-speed manual transmission		6-speed Steptronic transmission
Gear ratio	I	:1	3.923	4.459
	II	:1	2.136	2.508
	III	:1	1.393	1.555
	IV	:1	1.088	1.142
	V	:1	0.756	0.851
	VI	:1	0.628	0.672
Reverse gear	:1	3.538		3.185
Final drive ratio	:1	3.588		3.502
<b>Driving performance figures</b>				
Power-to-weight ratio according to DIN	kg/kW	9.0		9.2
Power output per litre	kW/l	70.6		70.6
Acceleration	0-62 mph	s	7.2	7.1
Top speed	mph	143		142

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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	mpg	35.8	39.2
Extra-urban	mpg	56.5	56.5
Total	mpg	48.7	48.7
CO <sub>2</sub>	g/km	139	131
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	<sup>2)</sup>	<sup>2)</sup>
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage  
<sup>2)</sup> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER D CONVERTIBLE, MINI COOPER D CONVERTIBLE AUTOMATIC.

Body		MINI Cooper D Convertible	MINI Cooper D Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. l	44	44
Engine oil	l	4.4	4.4
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1245 / 1320	1265 / 1340
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1710	1730
Permitted axle loads, front/rear	kg	935 / 805	955 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag c <sub>x</sub> / A / c <sub>x</sub> × A	- / m <sup>2</sup> / m <sup>2</sup>	0.33 / 2.07 / 0.68	0.33 / 2.07 / 0.68
Engine			
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		DDE 7.01	DDE 7.01
Capacity	cc	1496	1496
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW/hp	85 / 116	85 / 116
at engine speed	rpm	4000	4000
Torque	Nm	270	270
at engine speed	rpm	1750 – 2250	1750 – 2250
Electrical system			
Battery/installation	Ah / –	80 / engine compartment	80 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension		Single-joint McPherson spring strut axle with aluminium swivel bearing and anti-dive control	
Rear wheel suspension		Multilink axle with weight-optimised trailing arms	
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems		Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Handbrake impacts electrically on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
Tyres		175/65 R15 84H	175/65 R15 84H
Rims		5.5J × 15 light alloy	5.5J × 15 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.555
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.389	3.234
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	14.6	14.9
Power output per litre	kW/l	56.8	56.8
Acceleration	0-62 mph	s	9.9
Top speed	mph	121	121



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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	mpg	64.2	64.2
Extra-urban	mpg	80.7	76.3
Total	mpg	74.3	72.4
CO <sub>2</sub>	g/km	100	104
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	<sup>2)</sup>	<sup>2)</sup>
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

<sup>1)</sup> Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage  
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