



## Specifications. MINI Cooper D Convertible, MINI Cooper D Convertible Automatic. (02/2011)

Body		MINI Cooper D Convertible	MINI Cooper D Cabrio Automatic
No of doors/seats		2 / 4	2 / 4
Length/width/height (unladen)	mm	3723 / 1683 / 1414	3723 / 1683 / 1414
Wheelbase	mm	2467	2467
Track, front/rear	mm	1459 / 1467	1459 / 1467
Turning circle	m	10,7	10,7
Tank capacity	approx. l	40	40
Cooling system incl. heater	l	5,2	5,2
Engine oil	l	5,2	5,2
Transmission oil incl. drive train	l	Lifetime	Lifetime
Weight, unladen to DIN/EU <sup>1</sup>	kg	1200 / 1275	1225 / 1300
Max load to DIN	kg	430	430
Max permissible load to DIN	kg	1630	1655
Max axle load, front/rear	kg	875 / 770	905 / 770
Max trailer load <sup>2</sup> braked (12%) / unbraked	kg	- / -	- / -
Max roofload/max download	kg	- / -	- / -
Luggage comp to DIN	l	125 / 170 - 660	125 / 170 - 660
Air drag $c_x / A / c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0,35 / 2,01 / 0,70	0,35 / 2,01 / 0,70
<b>Engine</b>			
Config/No of cyls/valves		Inline / 4 / 4	Inline / 4 / 4
Engine management		DDE 7.01	DDE 7.2.1
Capacity	cm <sup>3</sup>	1598	1995
Bore/stroke	mm	78/ 83,6	84/90
Compression ratio	:1	16,5	16,5
Fuel grade	RON	Diesel	Diesel
Max output	kW / PS	82 / 112	82 / 111
at	min <sup>-1</sup>	4000	4000
Max torque	Nm	270	270
at	min <sup>-1</sup>	1750-2250	1750-2250
<b>Electrical System</b>			
Battery/installation	Ah / -	70 / Engine compartment	70 / Engine compartment
Alternator	A	150	150
<b>Chassis</b>			
Suspension, front		Single-joint MacPherson spring strut axle with anti-dive control	
Suspension, rear		Multi-link axle with aluminium longitudinal struts and centrally-pivoted control arms	
Front brakes		Vented disc	Vented disc t
Diameter	mm	280 x 22	280 x 22
Rear brakes		Disc	Disc
Diameter	mm	259 x 10	259 x 10
Driving stability systems		Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), ASC+T traction control, Dynamic Stability Control (DSC) with Brake Assist and Hill Start Assistant, optional: Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Parking brake acts mechanically on rear wheels	
Steering		Electric power steering (EPS); 2.4 rotations in total	
Steering transmission, overall	:1	14,1	14,1
Tyres		175 / 65 R15 84H	175 / 65 R15 84H
Wheels		5,5J x 15 LM	5,5J x 15 LM
<b>Transmission</b>			
Type of gearbox		6-gear manual transmission	6-speed automatic transmission
Gear ratios	I	:1	3,308
	II	:1	1,870
	III	:1	1,194
	IV	:1	0,872
	V	:1	0,721
	VI	:1	0,596
Reverse gear	:1	3,231	3,193
Final drive ratio	:1	3,474	3,683
<b>Performance</b>			
Power-to-weight ratio to DIN	kg/kW	14,6	14,9
Output per litre	kW/l	51,3	41,1
Acceleration	0-100 km/h	s	10,3
	0-1000 m	s	32,4
In 4th/5th gear	80-120 km/h	s	8,1 / 9,9
Top speed	km/h	194	190
<b>Fuel Consumption in EU Cycle</b>			
Urban	l/100 km	4,5	7
Extra-urban	l/100 km	3,7	4,3
Composite	l/100 km	4,0	5,3
CO <sub>2</sub>	g/km	105	140
<b>Miscellaneous</b>			
Emission rating		EU5	EU5
Insurance ratings Germany	HPF/VK/TK	16/ 20/ 22	16/ 20/ 22
Ground clearance	mm	139	139

<sup>1</sup> Weight of the car in road trim (DIN) plus 75 kg for driver and luggage.

<sup>2</sup> Deviations are possible under certain circumstances.