

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

Body		MINI Cooper D	MINI Cooper D Automatic
No of doors/seats		3 / 4	3 / 4
Length/width/height (unladen)	mm	3723 / 1683 / 1407	3723 / 1683 / 1407
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	5,4	5,4
Engine oil	l	5,2	5,2
Transmission oil incl. drive train	l	Lifetime	Lifetime
Weight, unladen to DIN/EU ¹	kg	1090 / 1165	1120 / 1195
Max load to DIN	kg	450	450
Max permissible load to DIN	kg	1540	1570
Max axle load, front/rear	kg	860 / 715	860 / 715
Max trailer load ² braked (12%) / unbraked	kg	- / -	- / -
Max roofload/max download	kg	75 / -	75 / -
Luggage comp to DIN	l	160-680	160-680
Air drag c_x / A / $c_x \times A$	- / m ² / m ²	0,32 / 2,00 / 0,64	0,32 / 2,00 / 0,64
Engine			
Config/No of cyls/valves		Inline / 4 / 4	Inline / 4 / 4
Engine management		DDE 7.01	DDE 7.2.1
Capacity	cm ³	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 ⁻¹	4000	4000
Max torque	Nm	270	270
at	min ⁻¹	1750-2250	1750-2250
Electrical system			
Battery/installation	Ah / -	70 / Engine compartment	70 / Engine compartment
Alternator	A	150	150
Chassis			
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
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
Transmission			
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
Performance			
Power-to-weight ratio to DIN	kg/kW	13,3	13,7
Output per litre	kW/l	51,3	41,1
Acceleration	0-100 km/h	s	9,7
	0-1000 m	s	31,7
In 4th/5th gear	80-120 km/h	s	7,4 / 9,2
Top speed	km/h	197	192
Fuel Consumption in EU Cycle			
Urban	l/100 km	4,2	6,8
Extra-urban	l/100 km	3,5	4,1
Composite	l/100 km	3,8	5,1
CO ₂	g/km	99	135
Miscellaneous			
Emission rating		EU5	EU5
Insurance ratings Germany	HPF/VK/TK	19 / 25 / 27	19 / 25 / 27
Ground clearance	mm	139	139

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

² Deviations are possible under certain circumstances.