



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

Body		MINI Cooper SD	MINI Cooper SD Automatic
No of doors/seats		3 / 4	3 / 4
Length/width/height (unladen)	mm	3729 / 1683 / 1407	3729 / 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	1150 / 1225	1170 / 1245
Max load to DIN	kg	450	450
Max permissible load to DIN	kg	1600	1620
Max axle load, front/rear	kg	890 / 735	910 / 735
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	0.36 / 2.01 / 0.72	0.36 / 2.01 / 0.72
Engine			
Config/No of cyls/valves		Inline / 4 / 4	Inline / 4 / 4
Engine management		MEVD 7.2.1	MEVD 7.2.1
Capacity	cm ³	1995	1995
Bore/stroke	mm	84/90	84/90
Compression ratio	:1	16.5	16.5
Fuel grade	RON	Diese	Diesel
Max output	kW / hp	105 / 143	105 / 143
at	min ⁻¹	4000	4000
Max torque	Nm	305	305
at	min ⁻¹	1750 - 2700	1750 - 2700
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	
Front brakes		Vented disc	Vented disc
Diameter	mm	280 × 22	280 × 22
Rear brakes		Disc	Disc
Diameter	mm	259 × 10	259 × 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		195/55 R16 87V	195/55 R16 87V
Wheels		6.5J × 16 LM	6.5J × 16 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
Final drive ratio		:1	3,706
Performance			
Power-to-weight ratio to DIN	kg/kW	11	11.1
Output per litre	kW/l	52.6	52.6
Acceleration	0-100 km/h	s	8.1
	0-1000 m	s	29.2
In 4 th /5 th gear	80-120 km/h	s	6.6 / 7.8
Top speed	km/h	215	205
Fuel Consumption in EU Cycle			
Urban	l/100 km	5.1	6.9
Extra-urban	l/100 km	3.9	4.3
Composite	l/100 km	4.3	5.3
CO ₂	g/km	114	139
Miscellaneous			
Emission rating		EU5	EU5
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.