



Technical specifications.

MINI Cooper SD 5 door, MINI Cooper SD Automatic 5 door.

Body		MINI Cooper SD 5 door	MINI Cooper Automatic SD 5 door
Number of doors/seats		5 / 5	5 / 5
Length/width/height (empty)	mm	4005 / 1727 / 1425	4005 / 1727 / 1425
Wheelbase	mm	2567	2567
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	11,0	11,0
Fuel tank capacity	approx. l	44	44
Cooling system incl. heating	l	2 ¹⁾	2 ¹⁾
Engine oil	l	2 ¹⁾	2 ¹⁾
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1230 / 1305	1250 / 1325
Payload according to DIN	kg	520	520
Permitted gross vehicle weight	kg	1755	1775
Permitted axle loads, front/rear	kg	950 / 850	970 / 850
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited download	kg	75 / -	75 / -
Luggage compartment capacity	l	278 - 941	278 - 941
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	0,33 / 2,09 / 0,69	0,33 / 2,09 / 0,69
Engine			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine control		DDE 7.01	DDE 7.01
Capacity	cc	1995	1995
Bore/stroke	mm	84,0 / 90,0	84,0 / 90,0
Compression	:1	16,5	16,5
Fuel	RON	Diesel	Diesel
Output	kW/bhp	125 / 170	125 / 170
at engine speed	rpm	4000	4000
Torque	Nm	360	360
at engine speed	rpm	1500 - 2750	1500 - 2750
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 mechanically on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14,2	14,2
Tyres		195/55 R16 87W	195/55 R16 87W
Rims		6,5J × 16 light alloy	6,5J × 16 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed automatic transmission
Gear ratio	I	:1	3,923
	II	:1	2,136
	III	:1	1,276
	IV	:1	0,921
	V	:1	0,756
	VI	:1	0,628
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	9,8	10,0
Power output per litre	kW/l	62,7	62,7
Acceleration	0-100 km/h	s	7,3
	0-1000 m	s	2 ¹⁾
in 4th/5th gear	80-120 km/h	km/h	2 ¹⁾ / 6,7
Top speed	km/h	225	223



03/2015

Valid from
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Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	5,0 – 5,1	4,7 – 4,8
Extra-urban	l/100 km	3,6 – 3,8	3,7 – 3,8
Total	l/100 km	4,1 – 4,3	4,1 – 4,2
CO ₂	g/km	109 – 112	107 – 109
Other			
Emission rating		EU6	EU6
Insurance rating in Germany	3rd party / Fully comprehensive / 3rd party fire + theft	16 / 20 / 21	16 / 20 / 21
Ground clearance (empty)	mm	146	146

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

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

²⁾ Details not yet available

³⁾ Dependent on tyre format selected