



Technical specifications.

MINI Cooper SD 3 door, MINI Cooper SD Automatic 3 door.

Body		MINI Cooper SD 3 door	MINI Cooper Automatic SD 3 door
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1414	3821 / 1727 / 1414
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
Cooling system incl. heating	l	3,3	3,3
Engine oil	l	5,25	5,25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1175 / 1250	1175 / 1250
Payload according to DIN	kg	480	480
Permitted gross vehicle weight	kg	1655	1670
Permitted axle loads, front/rear	kg	930 / 765	945 / 765
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited download	kg	60 / -	60 / -
Luggage compartment capacity	l	211	211
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	3,398	3,234
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	9,4	9,5
Power output per litre	kW/l	62,7	62,7
Acceleration 0-100 km/h	s	7,3	7,2
in 4th/5th gear 80-120 km/h	s	6,5	-
Top speed	km/h	227	225



03/2015

Valid from
03/2015

Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	4,9	4,6
Extra-urban	l/100 km	3,6	3,6
Total	l/100 km	4	4
CO ₂	g/km	106	104
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	143	143

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