

TECHNICAL SPECIFICATIONS.
MINI COOPER S 5 DOOR.



MINI Cooper S 5 door			
Vehicle category			
Drive type		4-cylinder-engine	
Body			
No. of doors/seats		5 / 5	
Length/Width/Height (unladen)		mm	4036/ 1744/ 1464
Wheelbase		mm	2567
Track front/rear		mm	1499 / 1500
Turning circle		m	11,4
Ground clearance (curb weight)		mm	132
Curb weight DIN/EU ¹⁾		kg	1355 / 1430
Axle load distribution (unladen) RA		%	37,6
Max. load DIN/EU		kg	510 / 435
Maximum laden mass		kg	1865
Maximum laden mass front/rear axle		kg	1050 / 910
Permissible roof load		kg	75
Luggage comp. capacity		l	275 -925
Drive			
Drive concept		2,0 litre engine with front wheel drive	
Max. system output		kW/PS	150 / 204
Max. system torque		Nm	300
System power-to-weight ratio		kg/kW	9
Type of transmission		7-gear DTC transmission	
Power unit			
Configuration/No. of cylinders/valves		Row / 4 / 4	
Effective capacity		cc	1998
Stroke/bore		mm	82,0 / 94,6
Compression ratio		:1	11,1
Motor-Code		B48A20M2	
Peak output to ECE R 85		kW/PS	150 / 204
at		min ⁻¹	6.500
Rated power to ECE R 85		kW/PS	150 / 204
at		min ⁻¹	5000 - 6500
Nominal torque to ECE R 85		Nm	300
at		min ⁻¹	1450 - 4500
Transmission			
Type of transmission		7-gear DTC transmission	
Gear ratio		I	:1
		II	:1
		III	:1
		IV	:1
		V	:1
		VI	:1
		VII	:1
R			:1
Final drive			:1

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Driving dynamics and safety		
Suspension, front	Single-joint strut axle with aluminium pivot bearing and brake articulation compensation	
Suspension, rear	Multi-link axle with weight-optimised trailing arms	
Brakes, front	Single-piston floating calliper disc brake, vented	
Brakes, rear	Single-piston floating calliper disc brake, vented	
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock braking system (ABS), electronic brake force distribution (EBD) and cornering brake control (CBC), Dynamic Stability Control (DSC) with brake assist, actuator-related wheel slip limitation (ARB), hill start assist, dry braking function, fading compensation, Dynamic Traction Control (DTC); Electric handbrake acting on the rear wheels	
Safety equipment	Standard: Airbags for driver and front passenger, Side airbags for driver and front passenger, rear side airbags, Three-point automatic seat belts for all seats, front with belt tensioners and belt force limiters, Crash sensors, tyre pressure indicator	
Steering	Electric power steering (EPS) with Servotronic function	
Steering ratio, overall	:1	14
Tyres, front/rear	215/45 R17 91 Y XL	
Rims, front/rear	7Jx17 LM	
Performance		
Acceleration 0-100 km/h	s	6,8
Top speed	km/h	242
Fuel Consumption ECE		
Combined (WLTP) ²	l/100 km	6,8-6,3
CO2 (WLTP)	g/km	153-141
Emission rating	EU6e-to-FCM	

Specifications apply to ACEA markets/data relevant to homologation applies in part only to Germany (weight)

¹⁾ Weight of the ready-to-use vehicle (DIN) plus 75 kg for driver and luggage
²⁾ depending on the selected tyre size

Official data on fuel consumption, CO2 emissions, power consumption and electric range were determined in accordance with the prescribed measurement procedure and comply with Regulation (EU) 715/2007 as amended. NEDC figures take into account differences in the selected wheel and tyre size in the case of ranges, and any optional equipment in the WLTP.

WLTP values are used for the calculation of taxes and other vehicle-related charges that are (also) based on CO2 emissions and, where applicable, for the purposes of vehicle-specific subsidies. Where applicable, the NEDC values listed were determined on the basis of the new WLTP measurement procedure and converted back to the NEDC measurement procedure for comparability. For vehicles newly type-tested since 1 January 2021, the official data only exists according to WLTP. In addition, according to EU Regulation 2022/195, the NEDC values will no longer be included in the EC certificates of conformity from 1 January 2023. Further information on the WLTP and NEDC measurement methods can be found at www.mini.de/wltp as well as a comparative table on fuel consumption, CO2 emissions and power consumption of all current MINI models at www.mini.de/de_DE/home/footer/wltp.html.