



Specifications.

MINI Cooper S.

MINI Cooper S Automatic.

Body		MINI Cooper S	MINI Cooper S 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	1453 / 1461	1453 / 1461
Turning circle	m	10.7	10.7
Tank capacity	approx. l	50	50
Cooling system incl. heater	l	5.2	5.2
Engine oil	l	4.2	4.2
Transmission oil incl. drive train	l	Lifetime	Lifetime
Weight, unladen to DIN / EU ¹⁾	kg	1140 / 1215	1165 / 1240
Max load to DIN	kg	450	450
Max permissible load to DIN	kg	1590	1615
Max axle load, front / rear	kg	865 / 745	890 / 745
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 / 1.99 / 0.72	0.36 / 1.99 / 0.72
Engine			
Config / No of cyls / valves		Inline / 4 / 4	Inline / 4 / 4
Engine management		MEVD 17.2.2	MEVD 17.2.2
Capacity	cm ³	1598	1598
Bore / stroke	mm	77.0 / 85.8	77.0 / 85.8
Compression ratio	:1	10.5	10.5
Fuel grade	RON	91-98	91-98
Max output	kW / hp	135 / 184	135 / 184
At	min ⁻¹	5500	5500
Max torque	Nm	240 (260)	240 (260)
At	min ⁻¹	1600-5000 (1700-4500)	1600-5000 (1700-4500)
Electrical system			
Battery / installation	Ah / -	55 / Engine compartment	55 / Engine compartment
Alternator	A	120	120
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	294 × 22	294 × 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	2.130
	III	:1	1.483
	IV	:1	1.139
	V	:1	0.949
	VI	:1	0.816
Reverse gear	:1	3.231	3.193
Final drive ratio	:1	3.706	3.683
Performance			
Power-to-weight ratio to DIN	kg/kW	8.4	8.6
Output per litre	kW/l	84.5	84.5
Acceleration	0-100 km/h	s	7.0
	0-1000 m	s	27.3
In 4 th / 5 th gear	80-120 km/h	s	5.6 / 7.0
Top speed	km/h	228	223
Fuel Consumption in EU Cycle			
Urban	l/100 km	7.3	8.9
Extra-urban	l/100 km	5.0	5.0
Composite	l/100 km	5.8	6.4
CO ₂	g/km	136	149
Miscellaneous			
Emission rating		EU5	EU5
Ground clearance	mm	130	130

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

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

²⁾ Deviations are possible under certain circumstances.