



Technical Specifications.

MINI Cooper S Convertible, MINI Cooper S Convertible Automatic.

Body		MINI Cooper S Convertible	MINI Cooper S Convertible Automatic
No of doors / seats		2 / 4	2 / 4
Length / width / height (unladen)	mm	3729 / 1683 / 1414	3729 / 1683 / 1414
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	1230 / 1305	1255 / 1330
Max load to DIN	kg	430	430
Max permissible load to DIN	kg	1660	1685
Max axle load, front / rear	kg	885 / 795	905 / 795
Max trailer load ²⁾ braked (12%) / unbraked	kg	- / -	- / -
Max roofload / max download	kg	- / -	- / -
Luggage comp to DIN	l	125 / 170 / 660	125 / 170 / 660
Air drag c_x / A / $c_x \times A$	- / m ² / m ²	0.37 / 2.00 / 0.74	0.37 / 2.00 / 0.74
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 / PS	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	4.044
	II :1	2.130	2.371
	III :1	1.483	1.556
	IV :1	1.139	1.159
	V :1	0.949	0.852
	VI :1	0.816	0.672
Reverse gear	:1	3.231	3.193
Final drive ratio	:1	3.706	3.683
Performance			
Power-to-weight ratio to DIN	kg/kW	9.1	9.3
Output per litre	kW/l	84.5	84.5
Acceleration	0-100 km/h	s	7.3
	0-1000 m	s	27.7
In 4 th / 5 th gear	80-120 km/h	s	6.2 / 7.5
Top speed	km/h	225	220



03/2012

Valid from
04/2012

Fuel Consumption in EU Cycle			
Urban	l/100 km	7.5	9.1
Extra-urban	l/100 km	5.1	5.1
Composite	l/100 km	6.0	6.6
CO ₂	g/km	139	153
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.