



Technical Specifications.

MINI Cooper Convertible, MINI Cooper Convertible Automatic.

Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
No of doors / seats		2 / 4	2 / 4
Length / width / height (unladen)	mm	3723 / 1683 / 1414	3723 / 1683 / 1414
Wheelbase	mm	2467	2467
Track, front / rear	mm	1459 / 1467	1459 / 1467
Turning circle	m	10.7	10.7
Tank capacity	approx. l	40	40
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	1165 / 1240	1205 / 1280
Max load to DIN	kg	430	430
Max permissible load to DIN	kg	1595	1635
Max axle load, front / rear	kg	845 / 775	880 / 780
Max trailer load ²⁾ braked (12%) / unbraked	kg	- / -	- / -
Max roofload / max download	kg	- / -	- / -
Luggage comp to DIN	l	125 / 175 / 660	125 / 175 / 660
Air drag c_x / A / $c_x \times A$	- / m ² / m ²	0.35 / 2.00 / 0.70	0.35 / 2.00 / 0.70
Engine			
Config / No of cyls / valves		Inline / 4 / 4	Inline / 4 / 4
Engine management		MEV 17.2.2	MEV 17.2.2
Capacity	cm ³	1598	1598
Bore / stroke	mm	77 / 85.8	77 / 85.8
Compression ratio	:1	11	11
Fuel grade	RON	91-98	91-98
Max output	kW / PS	90 / 122	90 / 122
At	min ⁻¹	6000	6000
Max torque	Nm	160	160
At	min ⁻¹	4250	4250
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	280 × 22	280 × 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		175/65 R15 84H	175/65 R15 84H
Wheels		5.5J × 15 LM	5.5J × 15 LM
Transmission			
Type of gearbox		6-gear manual transmission	6-speed automatic transmission
Gear ratios	I	:1	3.214
	II	:1	1.792
	III	:1	1.194
	IV	:1	0.914
	V	:1	0.784
	VI	:1	0.683
Reverse gear	:1	3.143	3.394
Final drive ratio	:1	4.353	4.103
Performance			
Power-to-weight ratio to DIN	kg/kW	12.9	13.4
Output per litre	kW/l	56.3	56.3
Acceleration	0-100 km/h	s	9.8
	0-1000 m	s	31.0
In 4 th / 5 th gear	80-120 km/h	s	10.5 / 13.3
Top speed	km/h	198	191



03/2012

Valid from
04/2012

Fuel Consumption in EU Cycle			
Urban	l/100 km	7.2	8.9
Extra-urban	l/100 km	4.9	5.3
Composite	l/100 km	5.7	6.6
CO ₂	g/km	133	154
Miscellaneous			
Emission rating		EU5	EU5
Ground clearance	mm	139	139

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.