

TECHNICAL SPECIFICATIONS. MINI ONE CONVERTIBLE.



Body			MINI One Convertible
Number of doors/seats			2 / 4
Length/width/height (empty)	mm		3863 / 1727 / 1415
Wheelbase	mm		2495
Track width, front/rear	mm		1501 / 1501
Turning circle	m		10.8
Ground clearance (empty)	mm		115
Fuel tank capacity	approx. l		40
Engine oil	l		4.5
Transmission oil incl. drivetrain	l		lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg		1265 / 1340
Payload according to DIN	kg		415
Permitted gross vehicle weight	kg		1680
Permitted axle loads, front/rear	kg		920 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg		- / -
Permitted roof load/permitted download	kg		- / -
Luggage compartment volume	l		160 / 215
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²		0.34 / 2.07 / 0.70
Engine			
Type/no. of cylinders/valves			in-line / 3 / 4
Engine control			MEVD 17.2.3
Capacity	cc		1499
Bore/stroke	mm		82.0 / 94.6
Compression	:1		11.0
Fuel	RON		91-98
Output	kW / hp		75 / 102
at engine speed	rpm		3900 – 6500
Torque	Nm		190
at engine speed	rpm		1380 – 3600
Electrical system			
Battery/installation	Ah / –		70 / engine compartment
Alternator	A		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
Rear brakes			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), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically (optional: electrically) on rear wheels
Steering			Electrically assisted EPS unit with Servotronic function
Overall steering ratio	:1		14.0
Tyres			175/65 R15 88H XL
Rims			5.5J x 15 light alloy
Transmission			
Transmission type			6-speed manual transmission
Gear ratio	I	:1	3.615
	II	:1	1.952
	III	:1	1.241
	IV	:1	0.969
	V	:1	0.806
	VI	:1	0.683
Reverse gear		:1	3.538
Final drive ratio		:1	3.421
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW		16.9
Power output per litre	kW/l		50.0
Acceleration	0–100 km/h	s	11.0
in 5 th gear	80–120 km/h	s	13.9
Top speed	km/h		190

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Fuel consumption in EU cycle		
Urban (NEDC)	l/100 km	7.1 – 6.9
Extra-urban (NEDC)	l/100 km	4.8 – 4.6
Total (NEDC)	l/100 km	5.6 – 5.5
Total (WLTP)	l/100 km	6.3 – 5.8
CO ₂ (NEDC)	g/km	129 – 125
CO ₂ (WLTP)	g/km	143 – 133
Other		
Emission rating		Euro 6d

Technical specifications valid for ACEA markets / registration-related data only relevant to Germany in some cases (weights)

¹⁾ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/co2>.

MINI COOPER CONVERTIBLE, MINI COOPER CONVERTIBLE AUTOMATIC.

Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3863 / 1727 / 1415	3863 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	115	115
Fuel tank capacity	approx. l	40	40
Engine oil	l	4.5	4.5
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1250 / 1325	1285 / 1360
Payload according to DIN	kg	430	430
Permitted gross vehicle weight	kg	1680	1715
Permitted axle loads, front/rear	kg	930 / 805	960 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment volume	l	160 / 215	160 / 215
Aerodynamic drag c _x / A / c _x × A	- / m ² / m ²	0.35 / 2.07 / 0.72	0.35 / 2.07 / 0.72
Engine			
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		DME 8.xT	DME 8.xT
Capacity	cc	1499	1499
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	100 / 136	100 / 136
at engine speed	rpm	4500 – 6500	4500 – 6500
Torque	Nm	220	220
at engine speed	rpm	1500 – 4100	1500 – 4100
Electrical system			
Battery/installation	Ah / –	70 / engine compartment	70 / 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), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically (optional: electrically) on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
Tyres		175/65 R15 88H XL	175/65 R15 88H XL
Rims		5.5J × 15 light alloy	5.5J × 15 light alloy
Transmission			
Transmission type		6-speed manual transmission	7-speed steptronic with double clutch
Gear ratio	I	:1	3.615
	II	:1	1.952
	III	:1	1.241
	IV	:1	0.969
	V	:1	0.806
	VI	:1	0.683
	VII	:1	–
Reverse gear	:1	3.538	14.220
Final drive ratio	:1	3.421	3.789
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	12.5	12.9
Power output per litre	kW/l	66.7	66.7
Acceleration	0–100 km/h	s	8.8
in 5 th gear	80–120 km/h	s	–
Top speed	km/h	206	205

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Fuel consumption in EU cycle			
Urban (NEDC)	l/100 km	7.4 – 7.1	6.5 – 6.4
Extra-urban (NEDC)	l/100 km	4.8 – 4.6	4.8 – 4.6
Total (NEDC)	l/100 km	5.8 – 5.6	5.4 – 5.2
Total (WLTP)	l/100 km	6.4 – 5.9	6.4 – 5.9
CO ₂ (NEDC)	g/km	132 – 127	124 – 120
CO ₂ (WLTP)	g/km	144 – 134	146 – 135
Other			
Emission rating		Euro 6d	Euro 6d

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¹⁾ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage

Fuel consumption, CO₂ emission figures, power consumption and range were measured using the methods required according to Regulation VO (EC) 2007/715 as amended. They refer to vehicles on the automotive market in Germany. With regard to ranges, the NEDC figures take into account differences in the selected wheel and tyre size, while the WLTP figures take into account the effects of any optional equipment.

All figures are already calculated on the basis of the new WLTP test cycle. NEDC values listed have been calculated back to the NEDC measurement procedure where applicable. WLTP values are used as a basis for the assessment of taxes and other vehicle-related levies that are (also) based on CO₂ emissions and, where applicable, for the purposes of vehicle-specific subsidies. Further information on the WLTP and NEDC measurement procedures is also available at www.bmw.com/wltp.

Further information on official fuel consumption figures and specific CO₂ emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO₂-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO₂ emissions and electric power consumption of new passenger cars), which can be obtained free of charge from all dealerships and at <https://www.dat.de/co2>.

MINI COOPER S CONVERTIBLE, MINI COOPER S CONVERTIBLE AUTOMATIC.

Body		MINI Cooper S Convertible	MINI Cooper S Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3876 / 1727 / 1415	3876 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	115	115
Fuel tank capacity	approx. l	44	44
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1305 / 1380	1325 / 1400
Payload according to DIN	kg	440	420
Permitted gross vehicle weight	kg	1745	1745
Permitted axle loads, front/rear	kg	955 / 835	970 / 825
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag c _x / A / c _x × A	- / m ² / m ²	0.36 / 2.08 / 0.75	0.36 / 2.08 / 0.75
Engine			
Type/no. of cylinders/valves		In-line / 4 / 4	In-line / 4 / 4
Engine control		DME 8.xT	DME 8.xT
Capacity	cc	1998	1998
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	131 / 178	131 / 178
at engine speed	rpm	5000 – 5500	5000 – 5500
Torque	Nm	280	280
at engine speed	rpm	1350 – 4200	1350 – 4200
Electrical system			
Battery/installation	Ah / –	70 / engine compartment	70 / 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), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically (optional: electrically) on rear wheels	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	14.0
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	7-speed steptronic with double clutch
Gear ratio	I	:1	14.429
	II	:1	8.511
	III	:1	5.408
	IV	:1	3.785
	V	:1	2.930
	VI	:1	2.345
	VII	:1	1.901
Reverse gear	:1	3.538	13.035
Final drive ratio	:1	3.588	3.474
Driving performance figures			
Power-to-weight ratio according to DIN		kg/kW	10.1
Power output per litre		kW/l	65.6
Acceleration	0–100 km/h	s	6.9
in 5 th gear	80–120 km/h	s	–
Top speed	km/h	230	230

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Fuel consumption in EU cycle			
Urban (NEDC)	l/100 km	8.7 – 8.4	6.9 – 6.8
Extra-urban (NEDC)	l/100 km	5.5 – 5.4	5.1 – 4.9
Total (NEDC)	l/100 km	6.7 – 6.5	5.8 – 5.6
Total (WLTP)	l/100 km	6.9 – 6.5	6.6 – 6.2
CO ₂ (NEDC)	g/km	153 – 149	132 – 128
CO ₂ (WLTP)	g/km	157 – 148	151 – 141
Other			
Emission rating		Euro 6d	Euro 6d

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