

TECHNICAL SPECIFICATIONS. MINI ONE FIRST 3 DOOR.



Body		MINI One First 3 door
Number of doors/seats		3 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1414
Wheelbase	mm	2495
Track width, front/rear	mm	1501 / 1501
Turning circle	m	10.8
Ground clearance (empty)	mm	143
Fuel tank capacity	approx. l	40
Engine oil	l	4.25
Transmission oil incl. drivetrain	l	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1135 / 1210
Payload according to DIN	kg	430
Permitted gross vehicle weight	kg	1565
Permitted axle loads, front/rear	kg	875 / 760
Permitted trailer load braked (12 %) / unbraked	kg	- / -
Permitted roof load/permited download	kg	60 / -
Luggage compartment capacity	l	211 - 731
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.31 / 2.07 / 0.64
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/bhp	55 / 75
at engine speed	rpm	3500 - 6500
Torque	Nm	160
at engine speed	rpm	1250 - 3000
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) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically 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	20.6
Power output per litre	kW/l	36.7
Acceleration	0-100 km/h	s 13.0
in 5th gear	80-120 km/h	s 15.8
Top speed	km/h	173

Fuel consumption in EU cycle		
Urban	l/100 km	6.6 – 6.6
Extra-urban	l/100 km	4.7 – 4.2
Total	l/100 km	5.4 – 5.1
CO ₂	g/km	123 – 116
Other		
Emission rating		Euro 6d-TEMP

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

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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are already based on the new WLTP test cycle and have been translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO₂ emissions, the CO₂ values may differ from the values stated here (depending on national legislation).

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 ONE 3 DOOR, MINI ONE 3 DOOR AUTOMATIC.

Body		MINI One 3 door	MINI One 3 door Automatic
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1414	3821 / 1727 / 1414
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	143	143
Fuel tank capacity	approx. l	40	40
Engine oil	l	4.25	4.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1135 / 1210	1165 / 1240
Payload according to DIN	kg	435	435
Permitted gross vehicle weight	kg	1570	1600
Permitted axle loads, front/rear	kg	880 / 760	910 / 760
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	60 / -	60 / -
Luggage compartment capacity	l	211 - 731	211 - 731
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	0.30 / 2.07 / 0.62	0.30 / 2.07 / 0.62
Engine			
Type/no. of cylinders/valves		in-line / 3 / 4	in-line / 3 / 4
Engine control		MEVD 17.2.3	MEVD 17.2.3
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/bhp	75 / 102	75 / 102
at engine speed	rpm	3900 - 6500	3900 - 6500
Torque	Nm	190	190
at engine speed	rpm	1380 - 3600	1380 - 3600
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) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically 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
Final drive ratio		:1	3.421
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	15.1	15.5
Power output per litre	kW/l	50.0	50.0
Acceleration	0-100 km/h	s	10.3
in 5th gear	80-120 km/h	s	12.4
Top speed	km/h	193	193

Fuel consumption in EU cycle			
Urban	l/100 km	6.8 – 6.4	6.2 – 5.9
Extra-urban	l/100 km	4.6 – 4.2	4.5 – 4.1
Total	l/100 km	5.4 – 5.0	5.1 – 4.8
CO ₂	g/km	123 – 114	116 – 109
Other			
Emission rating		Euro 6d-TEMP	Euro 6d-TEMP

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

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

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MINI COOPER 3 DOOR, MINI COOPER 3 DOOR AUTOMATIC.

Body		MINI Cooper 3 door	MINI Cooper 3 door Automatic
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1414	3821 / 1727 / 1414
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	143	143
Fuel tank capacity	approx. l	40	40
Engine oil	l	4.25	4.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1130 / 1205	1155 / 1230
Payload according to DIN	kg	435	440
Permitted gross vehicle weight	kg	1565	1595
Permitted axle loads, front/rear	kg	880 / 755	910 / 755
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	60 / -	60 / -
Luggage compartment capacity	l	211 - 731	211 - 731
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.30 / 2.07 / 0.62	0.30 / 2.07 / 0.62
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/bhp	100 / 136	100 / 136
at engine speed	rpm	4500 - 6500	4500 - 6500
Torque	Nm	220	220
at engine speed	rpm	1480 - 4100	1480 - 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-diver 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) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically 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	15.741
	II	:1 1.952	9.284
	III	:1 1.241	5.899
	IV	:1 0.969	4.129
	V	:1 0.806	3.196
	VI	:1 0.683	2.558
	VII	:1 -	2.073
Reverse gear	:1	3.538	14.311
Final drive ratio	:1	3.421	3.789
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	11.3	11.6
Power output per litre	kW/l	66.7	66.7
Acceleration	0-100 km/h	s	8.0
in 5th gear	80-120 km/h	s	9.9
Top speed	km/h	210	210

Fuel consumption in EU cycle			
Urban	l/100 km	6.8 – 6.5	6.4 – 6.2
Extra-urban	l/100 km	4.5 – 4.2	4.3 – 4.0
Total	l/100 km	5.3 – 5.0	5.1 – 4.8
CO ₂	g/km	121 – 115	116 – 109
Other			
Emission rating		Euro 6d-TEMP	Euro 6d-TEMP

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MINI COOPER S 3 DOOR, MINI COOPER S 3 DOOR AUTOMATIC.

Body		MINI Cooper S 3 door	MINI Cooper S 3 door Automatic
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1414	3850 / 1727 / 1414
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	10.8	10.8
Ground clearance (empty)	mm	143	143
Fuel tank capacity	approx. l	40	40
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1195 / 1270	1215 / 1290
Payload according to DIN	kg	445	420
Permitted gross vehicle weight	kg	1640	1635
Permitted axle loads, front/rear	kg	925 / 765	940 / 765
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	60 / -	60 / -
Luggage compartment capacity	l	211 - 731	211 - 731
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.33 / 2.09 / 0.69	0.33 / 2.09 / 0.69
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/bhp	141 / 192	141 / 192
at engine speed	rpm	5000 - 6000	5000 - 6000
Torque	Nm	280	280
at engine speed	rpm	1350 - 4600	1350 - 4600
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 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	3.923
	II	:1	2.136
	III	:1	1.393
	IV	:1	1.088
	V	:1	0.892
	VI	:1	0.756
	VII	:1	-
Reverse gear	:1	3.538	13.118
Final drive ratio	:1	3.588	3.474
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	8.5	8.6
Power output per litre	kW/l	70.6	70.6
Acceleration 0-100 km/h	s	6.8	6.7
in 5th gear 80-120 km/h	s	6.6	-
Top speed	km/h	235	235

Fuel consumption in EU cycle			
Urban	l/100 km	8.5 – 8.1	7.1 – 6.4
Extra-urban	l/100 km	5.2 – 5.0	4.8 – 4.6
Total	l/100 km	6.4 – 6.1	5.6 – 5.3
CO ₂	g/km	147 – 139	128 – 120
Other			
Emission rating		Euro 6d-TEMP	Euro 6d-TEMP

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