

# TECHNICAL SPECIFICATIONS. MINI ONE FIRST 3-DOOR.



Body		MINI One First 3-door
Number of doors/seats		3 / 4
Length/width/height (empty)	mm	3863 / 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	4.5
Transmission oil incl. drivetrain	l	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1155 / 1230
Payload according to DIN	kg	410
Permitted gross vehicle weight	kg	1565
Permitted axle loads, front/rear	kg	880 / 760
Permitted trailer load braked (12 %) / unbraked	kg	- / -
Permitted roof load/permitted download	kg	60 / -
Luggage compartment capacity	l	211 - 731
Aerodynamic drag $c_x / A / c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.30 / 2.07 / 0.62
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), 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
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	21.0
Power output per litre	kW/l	36.7
Acceleration	0-100 km/h	s 13.4
in 5th gear	80-120 km/h	s 16.1
Top speed	km/h	173

<b>Fuel consumption in EU cycle</b>		
Urban (NEDC)	l/100 km	6.7 – 6.6
Extra-urban (NEDC)	l/100 km	4.6 – 4.3
Total (NEDC)	l/100 km	5.4 – 5.2
Total (WLTP)	l/100 km	5.8 – 5.4
CO <sub>2</sub> (NEDC)	g/km	122 – 119
CO <sub>2</sub> (WLTP)	g/km	133 – 122
<b>Other</b>		
Emission rating		Euro 6d

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

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

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).

Further information on official fuel consumption figures and specific CO<sub>2</sub> emission values of new passenger cars is included in the following guideline: 'Leitfaden über den Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen' (Guideline for fuel consumption, CO<sub>2</sub> 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	3863 / 1727 / 1414	3863 / 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	4.5	4.5
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1155 / 1230	1180 / 1255
Payload according to DIN	kg	425	420
Permitted gross vehicle weight	kg	1580	1600
Permitted axle loads, front/rear	kg	890 / 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 <sup>2</sup> / m <sup>2</sup>	0.29 / 2.07 / 0.60	0.29 / 2.07 / 0.60
<b>Engine</b>			
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
<b>Electrical system</b>			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
<b>Suspension</b>			
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 x 15 light alloy	5.5J x 15 light alloy
<b>Transmission</b>			
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	14.220
Final drive ratio	:1	3.421	3.789
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	15.4	15.7
Power output per litre	kW/l	50.0	50.0
Acceleration	0-100 km/h	s 10.3	10.3
in 5th gear	80-120 km/h	s 12.7	-
Top speed	km/h	193	193

<b>Fuel consumption in EU cycle</b>			
Urban (NEDC)	l/100 km	6.8 – 6.6	6.1 – 6.1
Extra-urban (NEDC)	l/100 km	4.5 – 4.3	4.4 – 4.2
Total (NEDC)	l/100 km	5.3 – 5.2	5.0 – 4.9
Total (WLTP)	l/100 km	6.0 – 5.4	6.1 – 5.5
CO <sub>2</sub> (NEDC)	g/km	122 – 118	115 – 111
CO <sub>2</sub> (WLTP)	g/km	136 – 123	138 – 124
<b>Other</b>			
Emission rating		Euro 6d	Euro 6d

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

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

Fuel consumption, CO<sub>2</sub> 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 CO<sub>2</sub> 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](http://www.bmw.com/wltp).

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# MINI COOPER 3-DOOR, MINI COOPER 3-DOOR AUTOMATIC.

<b>Body</b>		<b>MINI Cooper 3-door</b>	<b>MINI Cooper 3-door Automatic</b>
Number of doors/seats		3 / 4	3 / 4
Length/width/height (empty)	mm	3863 / 1727 / 1414	3863 / 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	4.5	4.5
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1150 / 1225	1175 / 1250
Payload according to DIN	kg	440	435
Permitted gross vehicle weight	kg	1590	1610
Permitted axle loads, front/rear	kg	895 / 755	920 / 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 <sup>2</sup> / m <sup>2</sup>	0.29 / 2.07 / 0.60	0.29 / 2.07 / 0.60
<b>Engine</b>			
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	1500 - 4100	1500 - 4100
<b>Electrical system</b>			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
<b>Suspension</b>			
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
<b>Transmission</b>			
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	14.220
Final drive ratio	:1	3.421	3.789
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	11.5	11.8
Power output per litre	kW/l	66.7	66.7
Acceleration	0-100 km/h	s	8.1
in 5th gear	80-120 km/h	s	-
Top speed	km/h	210	210

<b>Fuel consumption in EU cycle</b>			
Urban (NEDC)	l/100 km	7.1 – 6.9	6.3 – 6.2
Extra-urban (NEDC)	l/100 km	4.5 – 4.3	4.4 – 4.2
Total (NEDC)	l/100 km	5.4 – 5.3	5.1 – 4.9
Total (WLTP)	l/100 km	6.1 – 5.5	6.1 – 5.5
CO <sub>2</sub> (NEDC)	g/km	124 – 120	117 – 112
CO <sub>2</sub> (WLTP)	g/km	138 – 124	138 – 124
<b>Other</b>			
Emission rating		Euro 6d	Euro 6d

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

Fuel consumption, CO<sub>2</sub> 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.

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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	3876 / 1727 / 1414	3876 / 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	44	44
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1205 / 1280	1225 / 1300
Payload according to DIN	kg	435	420
Permitted gross vehicle weight	kg	1640	1645
Permitted axle loads, front/rear	kg	935 / 765	950 / 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 <sup>2</sup> / m <sup>2</sup>	0.31 / 2.08 / 0.64	0.31 / 2.08 / 0.64
<b>Engine</b>			
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	131 / 178	131 / 178
at engine speed	rpm	5000 - 5500	5000 - 5500
Torque	Nm	280	280
at engine speed	rpm	1350 - 4200	1350 - 4200
<b>Electrical system</b>			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
<b>Suspension</b>			
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), 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
<b>Transmission</b>			
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
Final drive ratio		:1	3.588
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	9.2	9.4
Power output per litre	kW/l	65.6	65.6
Acceleration	0-100 km/h	s	6.6
in 5th gear	80-120 km/h	s	-
Top speed	km/h	235	235

<b>Fuel consumption in EU cycle</b>			
Urban (NEDC)	l/100 km	8.4 – 8.1	6.8 – 6.6
Extra-urban (NEDC)	l/100 km	5.3 – 5.1	4.8 – 4.6
Total (NEDC)	l/100 km	6.4 – 6.2	5.5 – 5.3
Total (WLTP)	l/100 km	6.7 – 6.2	6.4 – 5.8
CO <sub>2</sub> (NEDC)	g/km	147 – 142	126 – 121
CO <sub>2</sub> (WLTP)	g/km	151 – 140	144 – 132
<b>Other</b>			
Emission rating		Euro 6d	Euro 6d

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