

TECHNICAL SPECIFICATIONS. MINI ONE FIRST 5-DOOR.



Body		MINI One First 5-door
Number of doors/seats		5 / 5
Length/width/height (empty)	mm	4023 / 1727 / 1425
Wheelbase	mm	2567
Track width, front/rear	mm	1501 / 1501
Turning circle	m	11.1
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 ¹⁾	kg	1210 / 1285
Payload according to DIN	kg	490
Permitted gross vehicle weight	kg	1700
Permitted axle loads, front/rear	kg	920 / 850
Permitted trailer load braked (12 %) / unbraked	kg	- / -
Permitted roof load/permitted download	kg	75 / -
Luggage compartment capacity	l	278 - 941
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	0.29 / 2.09 / 0.61
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	22.0
Power output per litre	kW/l	36.7
Acceleration	0-100 km/h	s 13.9
in 5th gear	80-120 km/h	s 16.7
Top speed	km/h	172

Fuel consumption in EU cycle		
Urban (NEDC)	l/100 km	6.8 – 6.7
Extra-urban (NEDC)	l/100 km	4.7 – 4.4
Total (NEDC)	l/100 km	5.4 – 5.3
Total (WLTP)	l/100 km	5.9 – 5.4
CO ₂ (NEDC)	g/km	125 – 121
CO ₂ (WLTP)	g/km	135 – 124
Other		
Emission rating		Euro 6d

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

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 ONE 5-DOOR, MINI ONE 5-DOOR AUTOMATIC.

Body		MINI One 5-door	MINI One 5-door Automatic
Number of doors/seats		5 / 5	5 / 5
Length/width/height (empty)	mm	4023 / 1727 / 1425	4023 / 1727 / 1425
Wheelbase	mm	2567	2567
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	11.1	11.1
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 ¹⁾	kg	1210 / 1285	1235 / 1310
Payload according to DIN	kg	505	500
Permitted gross vehicle weight	kg	1715	1735
Permitted axle loads, front/rear	kg	930 / 850	955 / 850
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	75 / -	75 / -
Luggage compartment capacity	l	278 - 941	278 - 941
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.28 / 2.09 / 0.59	0.28 / 2.09 / 0.59
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), 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	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
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	16.1	16.5
Power output per litre	kW/l	50.0	50.0
Acceleration	0-100 km/h	s	10.6
in 5th gear	80-120 km/h	s	13.4
Top speed	km/h	192	192

Fuel consumption in EU cycle			
Urban (NEDC)	l/100 km	7.0 – 6.8	6.2 – 6.1
Extra-urban (NEDC)	l/100 km	4.5 – 4.4	4.5 – 4.3
Total (NEDC)	l/100 km	5.4 – 5.3	5.1 – 5.0
Total (WLTP)	l/100 km	6.1 – 5.5	6.2 – 5.5
CO ₂ (NEDC)	g/km	125 – 120	118 – 114
CO ₂ (WLTP)	g/km	138 – 124	140 – 126
Other			
Emission rating		Euro 6d	Euro 6d

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

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 5-DOOR, MINI COOPER 5-DOOR AUTOMATIC.

Body		MINI Cooper 5-door	MINI Cooper 5-door Automatic
Number of doors/seats		5 / 5	5 / 5
Length/width/height (empty)	mm	4023 / 1727 / 1425	4023 / 1727 / 1425
Wheelbase	mm	2567	2567
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	11.1	11.1
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 ¹⁾	kg	1200 / 1275	1230 / 1305
Payload according to DIN	kg	515	510
Permitted gross vehicle weight	kg	1715	1740
Permitted axle loads, front/rear	kg	935 / 845	960 / 845
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	75 / -	75 / -
Luggage compartment capacity	l	278 - 941	278 - 941
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.28 / 2.09 / 0.59	0.28 / 2.09 / 0.59
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	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-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		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	14.220
Final drive ratio	:1	3.421	3.789
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	12.0	12.3
Power output per litre	kW/l	66.7	66.7
Acceleration	0-100 km/h	s 8.4	8.3
in 5th gear	80-120 km/h	s 10.4	-
Top speed	km/h	207	207

Fuel consumption in EU cycle			
Urban (NEDC)	l/100 km	7.1 – 6.9	6.5 – 6.3
Extra-urban (NEDC)	l/100 km	4.5 – 4.3	4.5 – 4.2
Total (NEDC)	l/100 km	5.4 – 5.3	5.2 – 5.0
Total (WLTP)	l/100 km	6.1 – 5.5	6.2 – 5.6
CO ₂ (NEDC)	g/km	125 – 120	119 – 115
CO ₂ (WLTP)	g/km	139 – 126	140 – 126
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

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MINI COOPER S 5-DOOR, MINI COOPER S 5-DOOR AUTOMATIC.

Body		MINI Cooper S 5-door	MINI Cooper S 5-door Automatic
Number of doors/seats		5 / 5	5 / 5
Length/width/height (empty)	mm	4036 / 1727 / 1425	4036 / 1727 / 1425
Wheelbase	mm	2567	2567
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	11.1	11.1
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 ¹⁾	kg	1265 / 1340	1280 / 1355
Payload according to DIN	kg	490	495
Permitted gross vehicle weight	kg	1755	1775
Permitted axle loads, front/rear	kg	975 / 860	990 / 860
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	75 / -	75 / -
Luggage compartment capacity	l	278 - 941	278 - 941
Aerodynamic drag $c_x / A / c_x \times A$	- / m ² / m ²	0.30 / 2.10 / 0.63	0.30 / 2.10 / 0.63
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	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	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
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	9.7	9.8
Power output per litre	kW/l	65.6	65.6
Acceleration	0-100 km/h	s	6.7
in 5th gear	80-120 km/h	s	-
Top speed	km/h	235	235

Fuel consumption in EU cycle			
Urban (NEDC)	l/100 km	8.6 – 8.3	6.8 – 6.6
Extra-urban (NEDC)	l/100 km	5.3 – 5.2	4.8 – 4.5
Total (NEDC)	l/100 km	6.5 – 6.3	5.5 – 5.3
Total (WLTP)	l/100 km	6.8 – 6.2	6.6 – 5.9
CO ₂ (NEDC)	g/km	149 – 144	126 – 121
CO ₂ (WLTP)	g/km	154 – 141	147 – 134
Other			
Emission rating		Euro 6d	Euro 6d

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