

# 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
Fuel tank capacity	approx. l	40
Engine oil	l	4.25
Transmission oil incl. drivetrain	l	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1140 / 1215
Payload according to DIN	kg	425
Permitted gross vehicle weight	kg	1565
Permitted axle loads, front/rear	kg	870 / 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) 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 steel	
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	20.7
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 <sup>2)</sup>		
Urban	l/100 km	6.7
Extra-urban	l/100 km	4.8 – 4.6
Total	l/100 km	5.5 – 5.4
CO <sub>2</sub>	g/km	124 – 122
Other		
Emission rating		EU6
Ground clearance (empty)	mm	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.

Further information about the official fuel consumption and the official specific CO<sub>2</sub> emission of new passenger cars can be taken out of the „handbook of fuel consumption, the CO<sub>2</sub> emission and power consumption of new passenger cars“, which is available at all selling points and from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, and under <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
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 <sup>1)</sup>	kg	1140 / 1215	1170 / 1245
Payload according to DIN	kg	430	430
Permitted gross vehicle weight	kg	1570	1600
Permitted axle loads, front/rear	kg	870 / 760	900 / 760
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited 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-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 84H XL
Rims		5.5J x 15 steel	5.5J x 15 steel
<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	15.2	15.6
Power output per litre	kW/l	50.0	50.0
Acceleration	0-100 km/h	10.3	10.3
in 5th gear	80-120 km/h	12.4	-
Top speed	km/h	193	193

<b>Fuel consumption in EU cycle <sup>2)</sup></b>			
Urban	l/100 km	6.9 - 6.8	6.5 - 6.4
Extra-urban	l/100 km	4.6 - 4.5	4.5 - 4.4
Total	l/100 km	5.5 - 5.4	5.2 - 5.1
CO <sub>2</sub>	g/km	124 - 122	119 - 117
<b>Other</b>			
Emission rating		EU6d-TEMP	EU6d-TEMP
Ground clearance (empty)	mm	143	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.

Further information about the official fuel consumption and the official specific CO<sub>2</sub> emission of new passenger cars can be taken out of the „handbook of fuel consumption, the CO<sub>2</sub> emission and power consumption of new passenger cars“, which is available at all selling points and from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, and under <https://www.dat.de/co2>

# 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
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 <sup>1)</sup>	kg	1135 / 1210	1160 / 1235
Payload according to DIN	kg	430	435
Permitted gross vehicle weight	kg	1565	1595
Permitted axle loads, front/rear	kg	870 / 755	900 / 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
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 (incl. overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1480 - 4200	1480 - 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-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
	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	11.4	11.7
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

<b>Fuel consumption in EU cycle <sup>2)</sup></b>			
Urban	l/100 km	6.9 – 6.8	6.4 – 6.3
Extra-urban	l/100 km	4.6 – 4.5	4.6 – 4.5
Total	l/100 km	5.5 – 5.4	5.2 – 5.1
CO <sub>2</sub>	g/km	124 – 122	119 – 117
<b>Other</b>			
Emission rating		EU6d-TEMP	EU6d-TEMP
Ground clearance (empty)	mm	143	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

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

<b>Body</b>		<b>MINI Cooper S 3 door</b>	<b>MINI Cooper S 3 door Automatic</b>
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
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	1200 / 1275	1220 / 1295
Payload according to DIN	kg	440	415
Permitted gross vehicle weight	kg	1640	1635
Permitted axle loads, front/rear	kg	920 / 765	935 / 765
Permitted trailer load braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited 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 / 2.09 / 0.65	0.32 / 2.09 / 0.67
<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	141 / 192	141 / 192
at engine speed	rpm	5000 - 6000	5000 - 6000
Torque (incl. overboost)	Nm	280 (300)	280 (300)
at engine speed	rpm	1350 - 4600	1350 - 4600
<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 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 x 16 light alloy	6.5J x 16 light alloy
<b>Transmission</b>			
Transmission type		6-speed manual transmission	7-speed steptronic with double clutch
Gear ratio	I	:1 3.923	14.429
	II	:1 2.136	8.511
	III	:1 1.393	5.408
	IV	:1 1.088	3.785
	V	:1 0.892	2.930
	VI	:1 0.756	2.345
	VII	:1 -	1.901
Reverse gear	:1	3.538	13.035
Final drive ratio	:1	3.588	3.474
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW	8.5	8.7
Power output per litre	kW/l	70.6	70.6
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 <sup>2)</sup>			
Urban	l/100 km	8.4	6.7
Extra-urban	l/100 km	5.3 - 5.2	5.0 - 4.9
4Total	l/100 km	6.5 - 6.4	5.7 - 5.6
CO <sub>2</sub>	g/km	147 - 145	129 - 127
Other			
Emission rating		EU6d-TEMP	EU6d-TEMP
Ground clearance (empty)	mm	143	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.

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# MINI ONE D 3 DOOR.

<b>Body</b>		<b>MINI One D 3 door</b>
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
Fuel tank capacity	approx. l	44
Engine oil	l	4.8
Transmission oil incl. drivetrain	l	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1150 / 1225
Payload according to DIN	kg	465
Permitted gross vehicle weight	kg	1615
Permitted axle loads, front/rear	kg	910 / 765
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>	0.29 / 2.07 / 0.60
<b>Engine</b>		
Type/no. of cylinders/valves		in-line / 3 / 4
Engine control		DDE 8.03
Capacity	cc	1496
Bore/stroke	mm	84.0 / 90.0
Compression	:1	16,5
Fuel	RON	Diesel
Output	kW/bhp	70 / 95
at engine speed	rpm	4000
Torque	Nm	220
at engine speed	rpm	1500 - 2500
<b>Electrical system</b>		
Battery/installation	Ah / -	70 / engine compartment
Alternator	A	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
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 steel
<b>Transmission</b>		
Transmission type		6-speed manual transmission
Gear ratio	I	:1 3.615
	II	:1 1.952
	III	:1 1.179
	IV	:1 0.853
	V	:1 0.711
	VI	:1 0.585
Reverse gear		:1 3.538
Final drive ratio		:1 3.421
<b>Driving performance figures</b>		
Power-to-weight ratio according to DIN	kg/kW	16.4
Power output per litre	kW/l	46.8
Acceleration	0-100 km/h	s 11.2
in 5th gear	80-120 km/h	s 12.0
Top speed	km/h	190

<b>Fuel consumption in EU cycle <sup>2)</sup></b>		
Urban	l/100 km	4.4 - 4.3
Extra-urban	l/100 km	3.6 - 3.4
Total	l/100 km	3.9 - 3.8
CO <sub>2</sub>	g/km	102 - 99
<b>Other</b>		
Emission rating		EU6c
Ground clearance (empty)	mm	143

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

<sup>2)</sup> Dependent on tyre format selected

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

Body		MINI Cooper D 3 door	MINI Cooper D 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
Fuel tank capacity	approx. l	44	44
Engine oil	l	4.8	4.8
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1165 / 1240	1185 / 1260
Payload according to DIN	kg	470	465
Permitted gross vehicle weight	kg	1635	1650
Permitted axle loads, front/rear	kg	930 / 755	945 / 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>	0.30 / 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		DDE 8.03	DDE 8.03
Capacity	cc	1496	1496
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW/bhp	85 / 116	85 / 116
at engine speed	rpm	4000	4000
Torque	Nm	270	270
at engine speed	rpm	1750 - 2250	1750 - 2250
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	3.923
	II	:1	2.136
	III	:1	1.276
	IV	:1	0.921
	V	:1	0.756
	VI	:1	0.628
	VII	:1	-
Reverse gear	:1	3.538	14.898
Final drive ratio	:1	3.389	3.944
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	13.7	13.9
Power output per litre	kW/l	56.8	56.8
Acceleration	0-100 km/h	s	9.2
	80-120 km/h	s	9.1
Top speed	km/h	205	204

<b>Fuel consumption in EU cycle <sup>2)</sup></b>			
Urban	l/100 km	4.5 – 4.4	4.3 – 4.2
Extra-urban	l/100 km	3.6	3.5
Total	l/100 km	3.9	3.8
CO <sub>2</sub>	g/km	103 – 102	100 – 99
<b>Other</b>			
Emission rating		EU6c	EU6c
Ground clearance (empty)	mm	143	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

The values are already based on the test cycle according to the new WLTP regulation and are translated back into NEDC-equivalent values in order to allow a comparison between vehicles. With respect to these vehicles, for vehicle related taxes or other duties based (at least inter alia) on CO<sub>2</sub>-emissions the CO<sub>2</sub> values may differ to the values stated here.

Further information about the official fuel consumption and the official specific CO<sub>2</sub> emission of new passenger cars can be taken out of the „handbook of fuel consumption, the CO<sub>2</sub> emission and power consumption of new passenger cars“, which is available at all selling points and from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen, and under <https://www.dat.de/co2>

# MINI COOPER SD 3 DOOR AUTOMATIC.

MINI 3 door

09/2018

<b>Body</b>		<b>MINI Cooper SD 3 door Automatic</b>	
Number of doors/seats			3 / 4
Length/width/height (empty)	mm		3850 / 1727 / 1414
Wheelbase	mm		2495
Track width, front/rear	mm		1485 / 1485
Turning circle	m		10.8
Fuel tank capacity	approx. l		44
Engine oil	l		5.5
Transmission oil incl. drivetrain	l		lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg		1240 / 1315
Payload according to DIN	kg		460
Permitted gross vehicle weight	kg		1700
Permitted axle loads, front/rear	kg		975 / 765
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>		0,33 / 2,09 / 0,69
<b>Engine</b>			
Type/no. of cylinders/valves			in-line / 4 / 4
Engine control			DDE 8.03
Capacity	cc		1995
Bore/stroke	mm		84.0 / 90.0
Compression	:1		16.5
Fuel	RON		Diesel
Output	kW/bhp		125 / 170
at engine speed	rpm		4000
Torque	Nm		360
at engine speed	rpm		1500 - 2750
<b>Electrical system</b>			
Battery/installation	Ah / -		70 / engine compartment
Alternator	A		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	
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			195/55 R16 87W
Rims			6.5J × 16 light alloy
<b>Transmission</b>			
Transmission type			8-speed steptronic transmission
Gear ratio	I	:1	5.519
	II	:1	3.184
	III	:1	2.050
	IV	:1	1.492
	V	:1	1.235
	VI	:1	1.000
	VII	:1	0.801
	VIII	:1	0.673
Reverse gear		:1	4.221
Final drive ratio		:1	2.666
<b>Driving performance figures</b>			
Power-to-weight ratio according to DIN	kg/kW		9.9
Power output per litre	kW/l		62.7
Acceleration	0-100 km/h	s	7.2
in 4th/5th gear	80-120 km/h	s	-
Top speed	km/h		225

Fuel consumption in EU cycle <sup>2)</sup>		
Urban	l/100 km	4.8 - 4.7
Extra-urban	l/100 km	3.9
Total	l/100 km	4.2
CO <sub>2</sub>	g/km	111 - 110
Other		
Emission rating		EU6c
Ground clearance (empty)	mm	143

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

<sup>2)</sup> Dependent on tyre format selected

The values for fuel consumption, CO<sub>2</sub> emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

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