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MINI 5 door

03/2020

TECHNICAL SPECIFICATIONS.
MINI ONE FIRST 5 DOOR.

Body			**MINI One First 5 door**
Number of doors/seats			5 / 5
Length/width/height (empty)		mm	3982 / 1727 / 1425
Wheelbase		mm	2567
Track width, front/rear		mm	1501 / 1501
Turning circle		m	11.0
Ground clearance (empty)		mm	146
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	1190 / 1265
Payload according to DIN		kg	490
Permitted gross vehicle weight		kg	1680
Permitted axle loads, front/rear		kg	905 / 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	0.31 / 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 × 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	21.6
Power output per litre		kW/l	36.7
Acceleration	0-100 km/h	s	13.4
in 5th gear	80-120 km/h	s	16.6
Top speed		km/h	172

Fuel consumption in EU cycle		
Urban	l/100 km	6.6 – 6.6
Extra-urban	l/100 km	4.8 – 4.3
Total	l/100 km	5.4 – 5.1
CO_2	g/km	124 – 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, CO_2 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 CO_2 emissions, the CO_2 values may differ from the values stated here (depending on national legislation).

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MINI 5 door

03/2020

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	3982 / 1727 / 1425	3982 / 1727 / 1425
Wheelbase	mm	2567	2567
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	11.0	11.0
Ground clearance (empty)	mm	146	146
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	1195 / 1270	1220 / 1295
Payload according to DIN	kg	485	485
Permitted gross vehicle weight	kg	1680	1705
Permitted axle loads, front/rear	kg	915 / 850	940 / 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	0.30 / 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	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	15.9	16.3
Power output per litre	kW/l	50.0	50.0
Acceleration 0-100 km/h	s	10.6	10.6
in 5th gear 80-120 km/h	s	13.2	–
Top speed	km/h	192	192

Fuel consumption in EU cycle			
Urban	l/100 km	6.9 – 6.5	6.3 – 6.0
Extra-urban	l/100 km	4.6 – 4.2	4.6 – 4.3
Total	l/100 km	5.4 – 5.0	5.2 – 4.9
CO_2	g/km	124 – 115	119 – 112
Other			
Emission rating		Euro 6d-TEMP	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, CO_2 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 5 door

03/2020

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	3982 / 1727 / 1425	3982 / 1727 / 1425
Wheelbase		mm	2567	2567
Track width, front/rear		mm	1501 / 1501	1501 / 1501
Turning circle		m	11.0	11.0
Ground clearance (empty)		mm	146	146
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	1185 / 1260	1215 / 1290
Payload according to DIN		kg	500	495
Permitted gross vehicle weight		kg	1685	1710
Permitted axle loads, front/rear		kg	915 / 845	945 / 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	0.30 / 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-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	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	11.9	12.2
Power output per litre		kW/l	66.7	66.7
Acceleration	0-100 km/h	s	8.3	8.3
in 5th gear	80-120 km/h	s	10.4	–
Top speed		km/h	207	207

Fuel consumption in EU cycle			
Urban	l/100 km	6.8 – 6.6	6.4 – 6.3
Extra-urban	l/100 km	4.6 – 4.2	4.5 – 4.1
Total	l/100 km	5.4 – 5.1	5.2 – 4.9
CO_2	g/km	122 – 115	119 – 112
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

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MINI 5 door

03/2020

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	4005 / 1727 / 1425	4005 / 1727 / 1425
Wheelbase		mm	2567	2567
Track width, front/rear		mm	1485 / 1485	1485 / 1485
Turning circle		m	11.0	11.0
Ground clearance (empty)		mm	146	146
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	1250 / 1325	1265 / 1340
Payload according to DIN		kg	500	505
Permitted gross vehicle weight		kg	1750	1770
Permitted axle loads, front/rear		kg	955 / 860	970 / 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	0.32 / 2.09 / 0.67	0.32 / 2.09 / 0.67
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	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	13.118
Final drive ratio		:1	3.588	3.474
Driving performance figures				
Power-to-weight ratio according to DIN		kg/kW	8.9	9.0
Power output per litre		kW/l	70.6	70.6
Acceleration	0-100 km/h	s	6.9	6.8
in 5th gear	80-120 km/h	s	6.8	–
Top speed		km/h	235	235

Fuel consumption in EU cycle			
Urban	l/100 km	8.8 – 8.3	7.1 – 6.4
Extra-urban	l/100 km	5.3 – 5.0	4.7 – 4.6
Total	l/100 km	6.5 – 6.2	5.6 – 5.2
CO_2	g/km	149 – 141	127 – 119
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

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