

# TECHNICAL SPECIFICATIONS. MINI ONE CONVERTIBLE.



Body			MINI One Convertible
Number of doors/seats			2 / 4
Length/width/height (empty)	mm		3821 / 1727 / 1415
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		1205 / 1280
Payload according to DIN	kg		460
Permitted gross vehicle weight	kg		1670
Permitted axle loads, front/rear	kg		900 / 800
Permitted trailer load			
braked (12 %) / unbraked	kg		- / -
Permitted roof load/permitted download	kg		- / -
Luggage compartment volume	l		160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>		0.34 / 2.07 / 0.70
Engine			
Type/no. of cylinders/valves			In-line / 3 / 4
Engine control			MEVD 17.2.3
Capacity	cc		1198
Bore/stroke	mm		78.0 / 83.6
Compression	:1		10.2
Fuel	RON		91-98
Output	kW / hp		75 / 102
at engine speed	rpm		4000 - 6000
Torque (with overboost)	Nm		180
at engine speed	rpm		1400 - 3900
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 84H
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	3.632
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW		16.1
Power output per litre	kW/l		62.6
Acceleration	0-100 km/h	s	10.6
Top speed		km/h	190

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Fuel consumption in EU cycle <sup>3)</sup>		
Urban	l/100 km	6.0 – 5.9
Extra-urban	l/100 km	4.6 – 4.4
Total	l/100 km	5.2 – 5.0
CO <sub>2</sub>	g/km	120 – 116
Other		
Emission rating		EU6
Insurance rating	3rd party/fully	14/17/20
Ground clearance (empty)	mm	115

Technical specifications valid for ACEA markets / registration-related 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> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER CONVERTIBLE, MINI COOPER CONVERTIBLE AUTOMATIC.

Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
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	1205 / 1280	1230 / 1305
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1670	1695
Permitted axle loads, front/rear	kg	910 / 800	940 / 800
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment volume	l	160 / 215	160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.34 / 2.07 / 0.70	0.34 / 2.07 / 0.70
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 / hp	100 / 136	100 / 136
at engine speed	rpm	4400	4400
Torque (with overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1250	1250
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 84H	175/65 R15 84H
Rims		5.5J x 15 light alloy	5.5J x 15 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.555
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.421	3.683
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	12.1	12.3
Power output per litre	kW/l	66.7	66.7
Acceleration	0-100 km/h	s	8.7
Top speed	km/h	208	206

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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	l/100 km	6.0 – 5.9	6.3 – 6.2
Extra-urban	l/100 km	4.5 – 4.3	4.7 – 4.5
Total	l/100 km	5.1 – 4.9	5.3 – 5.1
CO <sub>2</sub>	g/km	118 – 114	123 – 119
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	14/18/20	14/18/20
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related 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> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER S CONVERTIBLE, MINI COOPER S CONVERTIBLE AUTOMATIC.

Body		MINI Cooper S Convertible	MINI Cooper S Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1415	3850 / 1727 / 1415
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	1275 / 1350	1295 / 1370
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1745	1765
Permitted axle loads, front/rear	kg	955 / 810	975 / 810
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permited download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.36 / 2.08 / 0.75	0.36 / 2.08 / 0.75
Engine			
Type/no. of cylinders/valves		In-line / 4 / 4	In-line / 4 / 4
Engine control		MEVD 17.2.3	MEVD 17.2.3
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 / hp	141 / 192	141 / 192
at engine speed	rpm	5000 - 6000	5000 - 6000
Torque (with overboost)	Nm	280 (300)	280 (300)
at engine speed	rpm	1250 - 4600	1250 - 4600
Electrical system			
Battery/installation	Ah / -	80 / engine compartment	80 / 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 x 16 light alloy	6.5J x 16 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	4.459
	II	:1	2.136
	III	:1	1.393
	IV	:1	1.088
	V	:1	0.756
	VI	:1	0.628
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.588	3.502
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	9.0	9.2
Power output per litre	kW/l	70.6	70.6
Acceleration	0-100 km/h	s	7.1
Top speed	km/h	230	228

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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	l/100 km	7.9 – 7.8	7.2 – 7.1
Extra-urban	l/100 km	5.1 – 4.9	5.0 – 4.8
Total	l/100 km	6.1 – 6.0	5.8 – 5.6
CO <sub>2</sub>	g/km	142 – 139	134 – 131
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	14/19/20	14/19/20
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related 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> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected

# MINI COOPER D CONVERTIBLE, MINI COOPER D CONVERTIBLE AUTOMATIC.

Body		MINI Cooper D Convertible	MINI Cooper D Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
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	4.4	4.4
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1245 / 1320	1265 / 1340
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1710	1730
Permitted axle loads, front/rear	kg	935 / 805	955 / 805
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	- / -
Permitted roof load/permitted download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag $c_x$ / A / $c_x \times A$	- / m <sup>2</sup> / m <sup>2</sup>	0.33 / 2.07 / 0.68	0.33 / 2.07 / 0.68
Engine			
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		DDE 7.01	DDE 7.01
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 / hp	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 / –	80 / engine compartment	80 / 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 84H	175/65 R15 84H
Rims		5.5J × 15 light alloy	5.5J × 15 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.555
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.389	3.234
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	14.6	14.9
Power output per litre	kW/l	56.8	56.8
Acceleration	0–100 km/h	s	9.9
Top speed	km/h	195	195

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Fuel consumption in EU cycle <sup>3)</sup>			
Urban	l/100 km	4.5 – 4.4	4.5 – 4.4
Extra-urban	l/100 km	3.7 – 3.5	3.9 – 3.7
Total	l/100 km	4.0 – 3.8	4.1 – 3.9
CO <sub>2</sub>	g/km	105 – 100	109 – 104
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	16/19/20	16/19/20
Ground clearance (empty)	mm	115	115

Technical specifications valid for ACEA markets / registration-related 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> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected



# MINI COOPER SD CONVERTIBLE AUTOMATIC.

Body		MINI Cooper SD Convertible Automatic	
Number of doors/seats		2 / 4	
Length/width/height (empty)	mm	3850 / 1727 / 1415	
Wheelbase	mm	2495	
Track width, front/rear	mm	1485 / 1485	
Turning circle	m	10.8	
Fuel tank capacity	approx. l	44	
Engine oil	l	5.0	
Transmission oil incl. drivetrain	l	lifetime filling	
Unladen weight according to DIN/EU <sup>1)</sup>	kg	1305 / 1380	
Payload according to DIN	kg	460	
Permitted gross vehicle weight	kg	1770	
Permitted axle loads, front/rear	kg	970 / 810	
Permitted trailer load			
braked (12 %) / unbraked	kg	- / -	
Permitted roof load/permitted download	kg	- / -	
Luggage compartment capacity	l	160 / 215	
Aerodynamic drag c <sub>x</sub> / A / c <sub>x</sub> × A	- / m <sup>2</sup> / m <sup>2</sup>	0.36 / 2.08 / 0.75	
Engine			
Type/no. of cylinders/valves		In-line / 4 / 4	
Engine control		DDE 7.01	
Capacity	cc	1995	
Bore/stroke	mm	84.0 / 90.0	
Compression	:1	16.5	
Fuel	RON	Diesel	
Output	kW / hp	125 / 170	
at engine speed	rpm	4000	
Torque	Nm	360	
at engine speed	rpm	1500 – 2750	
Electrical system			
Battery/installation	Ah / –	80 / 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	195/55 R16 87W		
Rims	6.5J × 16 light alloy		
Transmission			
Transmission type	6-speed Steptronic transmission		
Gear ratio	I	:1	4.459
	II	:1	2.508
	III	:1	1.555
	IV	:1	1.142
	V	:1	0.851
	VI	:1	0.672
Reverse gear	:1	3.185	
Final drive ratio	:1	3.234	
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	10.4	
Power output per litre	kW/l	62.7	
Acceleration	0–100 km/h	s	7.7
Top speed	km/h	218	

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Fuel consumption in EU cycle <sup>3)</sup>		
Urban	l/100 km	5.0 – 4.9
Extra-urban	l/100 km	4.1 – 3.9
Total	l/100 km	4.4 – 4.3
CO <sub>2</sub>	g/km	116 – 113
Other		
Emission rating		EU6
Insurance rating	3rd party/fully	16/19/20
Ground clearance (empty)	mm	115

Technical specifications valid for ACEA markets / registration-related 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> Details not yet available  
<sup>3)</sup> Dependent on tyre format selected