

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 ¹⁾	kg		1205 / 1280
Payload according to DIN	kg		460
Permitted gross vehicle weight	kg		1670
Permitted axle loads, front/rear	kg		900 / 805
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 ² / m ²		0.34 / 2.07 / 0.70
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 / hp		75 / 102
at engine speed	rpm		3900 - 6500
Torque (with overboost)	Nm		190
at engine speed	rpm		1350 - 3600
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	3.421
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW		16.1
Power output per litre	kW/l		50.0
Acceleration	0-100 km/h	s	10.6
in 5 th gear	80-120 km/h	s	13.2
Top speed	km/h		190

MINI
Media information

MINI Convertible

11/2017

Fuel consumption in EU cycle ²⁾		
Urban	l/100 km	6.2 – 6.1
Extra-urban	l/100 km	4.7 – 4.5
Total	l/100 km	5.2 – 5.0
CO ₂	g/km	119 – 115
Other		
Emission rating		EU6
Ground clearance (empty)	mm	115

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

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

²⁾ 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 ¹⁾	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 ² / m ²	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 - 6000	4400 - 6000
Torque (with overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1250 - 4300	1250 - 4300
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	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	12.1	12.3
Power output per litre	kW/l	66.7	66.7
Acceleration	0-100 km/h	s	8.7
in 5 th gear	80-120 km/h	s	-
Top speed	km/h	208	206

MINI
Media information

MINI Convertible

11/2017

Fuel consumption in EU cycle ²⁾			
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 ₂	g/km	118 – 114	123 – 119
Other			
Emission rating		EU6	EU6
Ground clearance (empty)	mm	115	115

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

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

²⁾ 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 ¹⁾	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/permitted download	kg	- / -	- / -
Luggage compartment capacity	l	160 / 215	160 / 215
Aerodynamic drag c_x / A / $c_x \times A$	- / m ² / m ²	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	3.923
	II	:1	2.136
	III	:1	1.393
	IV	:1	1.088
	V	:1	0.892
	VI	:1	0.756
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
in 5 th gear	80-120 km/h	s	-
Top speed	km/h	230	228

MINI
Media information

MINI Convertible

11/2017

Fuel consumption in EU cycle ²⁾			
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 ₂	g/km	142 – 139	134 – 131
Other			
Emission rating		EU6	EU6
Ground clearance (empty)	mm	115	115

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

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

²⁾ 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 ¹⁾	kg	1246 / 1340	1285 / 1360
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1730	1750
Permitted axle loads, front/rear	kg	955 / 820	975 / 820
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 ² / m ²	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	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
Final drive ratio		:1	3.389
3.389			3.944
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	14.9	15.1
Power output per litre	kW/l	56.8	56.8
Acceleration	0–100 km/h	s	9.9
in 5 th gear	80–120 km/h	s	–
Top speed	km/h	195	195

MINI
Media information

MINI Convertible

11/2017

Fuel consumption in EU cycle ²⁾			
Urban	l/100 km	4.6 – 4.5	4.5 – 4.3
Extra-urban	l/100 km	3.9 – 3.7	4.0 – 3.8
Total	l/100 km	4.1 – 4.0	4.1 – 4.0
CO ₂	g/km	109 – 105	109 – 105
Other			
Emission rating		EU6	EU6
Ground clearance (empty)	mm	115	115

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

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

²⁾ 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 ¹⁾		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 _x / A / c _x × A		- / m ² / m ²	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.	
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 1.556
		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
in 5 th gear 80–120 km/h		s	–
Top speed		km/h	218

MINI
Media information

MINI Convertible

11/2017

Fuel consumption in EU cycle ²⁾		
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 ₂	g/km	116 – 113
Other		
Emission rating		EU6
Ground clearance (empty)	mm	115

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

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

²⁾ Dependent on tyre format selected