MINI
Media information

MINI Convertible

10/2017

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 / 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 × 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	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 × 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

Fuel consumption in EU cycle [3]			
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_2		g/km	120 – 116
Other			
Emission rating			EU6
Insurance rating	3rd party/fully comprehensive /3rd party fire + theft		14/17/21
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] Details not yet available
[3] Dependent on tyre format selected

MINI
Media information

MINI Convertible

10/2017

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 × 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	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 × 15 light alloy	5.5J × 15 light alloy
Transmission				
Transmission type			6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	3.615	4.459
	II	:1	1.952	2.508
	III	:1	1.241	1.555
	IV	:1	0.969	1.142
	V	:1	0.806	0.851
	VI	:1	0.683	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	8.8	8.7
Top speed		km/h	208	206

Fuel consumption in EU cycle [3]			
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
Insurance rating	3rd party/fully comprehensive /3rd party fire + theft	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)

[1] Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage
[2] Details not yet available
[3] Dependent on tyre format selected

MINI
Media information

MINI Convertible

10/2017

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 × 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 × 16 light alloy	6.5J × 16 light alloy
Transmission				
Transmission type			6-speed manual transmission	6-speed Steptronic transmission
Gear ratio	I	:1	3.923	4.459
	II	:1	2.136	2.508
	III	:1	1.393	1.555
	IV	:1	1.088	1.142
	V	:1	0.756	0.851
	VI	:1	0.628	0.672
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	7.2	7.1
Top speed		km/h	230	228

Fuel consumption in EU cycle [3]			
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
Insurance rating	3rd party/fully comprehensive /3rd party fire + theft	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)

[1] Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage
[2] Details not yet available
[3] Dependent on tyre format selected

MINI
Media information

MINI Convertible

10/2017

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	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 × 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	6-speed Steptronic transmission
Gear ratio	I	:1	3.923	4.459
	II	:1	2.136	2.508
	III	:1	1.276	1.555
	IV	:1	0.921	1.142
	V	:1	0.756	0.851
	VI	:1	0.628	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	9.9
Top speed		km/h	195	195

Fuel consumption in EU cycle [3]			
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_2	g/km	105 – 100	109 – 104
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully comprehensive /3rd party fire + theft	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)

[1] Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage
[2] Details not yet available
[3] Dependent on tyre format selected

MINI
Media information

MINI Convertible

10/2017

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 / $c_x \times A$		– / 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. 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

Fuel consumption in EU cycle [3]		
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
Insurance rating	3rd party/fully comprehensive /3rd party fire + theft	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)

[1] Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage
[2] Details not yet available
[3] Dependent on tyre format selected