



Technical specifications.

MINI Cooper 5 door ,

MINI Cooper 5 door Automatic.

Body		MINI Cooper 5 door	MINI Cooper Automatic 5 door
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
Fuel tank capacity	approx. l	40	40
Cooling system incl. heating	l	4.9	5.7
Engine oil	l	4.25	4.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1145 / 1220	1175 / 1250
Payload according to DIN	kg	520	520
Permitted gross vehicle weight	kg	1670	1700
Permitted axle loads, front/rear	kg	910 / 835	940 / 835
Permitted trailer load braked (12 %) / unbraked	kg	75 / –	75 / –
Permitted roof load/permited download	kg	278 - 941	278 - 941
Luggage compartment volume	l	0.30 / 2.07 / 0.62	0.30 / 2.07 / 0.62
Aerodynamic drag c_x / A / $c_x \times A$	– / m ² / m ²		
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	4500 – 6000	4500 – 6000
Torque (with overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1250 – 4000	1250 – 4000
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 Electrically assisted EPS unit with Servotronic function	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.2	14.2
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	3.185
Final drive ratio	:1	3.421	3.683
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	11.5	11.8
Power output per litre	kW/l	66.7	66.7
Acceleration	0–100 km/h	s	8.2
	0–1000 m	s	²⁾
in 4th/5th gear	80–120 km/h	s	²⁾ / 9.6
Top speed	km/h	207	207

Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	5.9 – 5.9	6.0 – 6.1
Extra-urban	l/100 km	4.0 – 4.1	4.1 – 4.2
Total	l/100 km	4.7 – 4.8	4.8 – 4.9
CO ₂	g/km	109 – 111	111 – 114
Other			
Emission rating		EU6	EU6
Insurance rating in Germany	3rd party/fully	²⁾	²⁾
Ground clearance (empty)	mm	146	146

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 Cooper S 5 door, MINI Cooper S 5 door Automatic.

Body		MINI Cooper S 5 door	MINI Cooper S Automatic 5 door
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	1501 / 1501	1501 / 1501
Turning circle	m	11.0	11.0
Fuel tank capacity	approx. l	44	44
Cooling system incl. heating	l	6.1	6.1
Engine oil	l	5.25	5.25
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1220 / 1295	1240 / 1315
Payload according to DIN	kg	520	520
Permitted gross vehicle weight	kg	1750	1770
Permitted axle loads, front/rear	kg	950 / 850	970 / 850
Permitted trailer load braked (12 %) / unbraked	kg	75 / –	75 / –
Permitted roof load/permited download	kg	278 - 941	278 - 941
Luggage compartment capacity	l	0.32 / 2.09 / 0.67	0.32 / 2.09 / 0.67
Aerodynamic drag c_x / A / $c_x \times A$	– / m ² / m ²		
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	4700 – 6000	4700 – 6000
Torque (with overboost)	Nm	280 (300)	280 (300)
at engine speed	rpm	1250 – 4750	1250 – 4750
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	14.2	14.2
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
	II	:1	2.136
	III	:1	1.276
	IV	:1	0.921
	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	8.7	8.8
Power output per litre	kW/l	70.6	70.6
Acceleration	0–100 km/h	s	6.9
	0–1000 m	s	²⁾
in 4th/5th gear	80–120 km/h	s	²⁾ / 6.7
Top speed	km/h	232	230

Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	7.7 – 7.9	6.9 – 7.0
Extra-urban	l/100 km	4.8 – 4.9	4.5 – 4.6
Total	l/100 km	5.9 – 6.0	5.4 – 5.5
CO ₂	g/km	136 – 139	125 – 128
Other			
Emission rating		EU6	EU6
Insurance rating in Germany	3rd party/fully	²⁾	²⁾
Ground clearance (empty)	mm	146	146

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 Cooper D 5 door, MINI Cooper D 5 door Automatic.

Body		MINI Cooper D 5 door	MINI Cooper D Automatic 5 door
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
Fuel tank capacity	approx. l	44	44
Cooling system incl. heating	l	3.3	3.3
Engine oil	l	4.4	4.4
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1190 / 1265	1205 / 1280
Payload according to DIN	kg	520	520
Permitted gross vehicle weight	kg	1720	1735
Permitted axle loads, front/rear	kg	925 / 845	940 / 845
Permitted trailer load braked (12 %) / unbraked	kg	75 / –	75 / –
Permitted roof load/permited download	kg	278 - 941	278 - 941
Luggage compartment capacity	l	0.30 / 2.07 / 0.62	0.30 / 2.07 / 0.62
Aerodynamic drag $c_x / A / c_x \times A$	– / m ² / m ²		
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	1750
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	14.2	14.2
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	3.923
	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	3.389	3.234
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	14.0	14.2
Power output per litre	kW/l	56.8	56.8
Acceleration	0-100 km/h	s	9.4
	0-1000 m	s	²⁾
in 4th/5th gear	80-120 km/h	s	²⁾ / 9.2
Top speed	km/h	203	202

Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	4.4 – 4.5	4.3 – 4.4
Extra-urban	l/100 km	3.2 – 3.3	3.5 – 3.6
Total	l/100 km	3.6 – 3.7	3.8 – 3.9
CO ₂	g/km	95 – 97	99 – 102
Other			
Emission rating		EU6	EU6
Insurance rating in Germany	3rd party/fully	²⁾	²⁾
Ground clearance (empty)	mm	146	146

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 Cooper SD 5 door, MINI Cooper SD 5 door Automatic.

Body		MINI Cooper SD 5 door	MINI Cooper SD Automatic 5 door
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	1501 / 1501	1501 / 1501
Turning circle	m	11.0	11.0
Fuel tank capacity	approx. l	44	44
Cooling system incl. heating	l	2)	2)
Engine oil	l	2)	2)
Transmission oil incl. drivetrain	l	lifetime filling	lifetime filling
Unladen weight according to DIN/EU ¹⁾	kg	1230 / 1305	1250 / 1325
Payload according to DIN	kg	520	520
Permitted gross vehicle weight	kg	1755	1775
Permitted axle loads, front/rear	kg	950 / 850	970 / 850
Permitted trailer load braked (12 %) / unbraked	kg	75 / –	75 / –
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	0.33 / 2.09 / 0.69	0.33 / 2.09 / 0.69
Engine			
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4
Engine control		DDE 7.01	DDE 7.01
Capacity	cc	1995	1995
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW/hp	125 / 170	125 / 170
at engine speed	rpm	4000	4000
Torque	Nm	360	360
at engine speed	rpm	1500 - 2750	1500 - 2750
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 Electrically assisted EPS unit with Servotronic function	
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.2	14.2
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 1.276	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	9.8	10.0
Power output per litre	kW/l	62.7	62.7
Acceleration	0-100 km/h	s 7.4	7.3
	0-1000 m	s 2)	2)
in 4th/5th gear	80-120 km/h	s 2) / 6.7	– / –
Top speed	km/h	225	223

Fuel consumption in EU cycle ³⁾			
Urban	l/100 km	5.0 – 5.1	4.7 – 4.8
Extra-urban	l/100 km	3.6 – 3.8	3.7 – 3.8
Total	l/100 km	4.1 – 4.3	4.1 – 4.2
CO ₂	g/km	109 – 112	107 – 109
Other			
Emission rating		EU6	EU6
Insurance rating in Germany	3rd party/fully	²⁾	²⁾
Ground clearance (empty)	mm	146	146

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