MINI Mediainformation

12/2014

Valid from 03/2015

## Technical specifications. MINI John Cooper Works, MINI John Cooper Works Automatic.



Body		MINI John Cooper Works	MINI John Cooper Works Automatic
Number of doors/seats		3 / 4	3/4
Length/width/height (empty)	mm	3874 / 1727 / 1414	3874 / 1727 / 1414
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. I	44	44
Cooling system incl. heating	арргох. 1	5,8	5,8
	<u> </u>	5.25	5,0
Engine oil Transmission oil incl. drivetrain	<u>'</u>	lifetime filling	lifetime filling
Unladen weight according to DIN/EU 1)	<u> </u>	1205 / 1280	1220 / 1295
Payload according to DIN	kg	·	480
	kg	480	
Permitted gross vehicle weight	kg	1685	1700
Permitted axle loads, front/rear	kg	935   775	955 / 775
Permitted trailer load braked (12 %) / unbraked	ka	-1-	-1-
Permitted roof load/permitted download	kg kg	60 / -	60 / -
Luggage compartment capacity		211	211
Aerodynamic drag c / A / c x × A	- / m² / m²	0.34 / 2.09 / 0.71	0.34 / 2.09 / 0.71
	-/111-/111-	0.34   2.09   0.7	0.34   2.09   0.71
Engine Type no of cylinders halves		in-line / 4 / 4	in line / 4 / 4
Type/no. of cylinders/valves Engine control		in-line / 4 / 4 MEVD 17.2.3	in-line / 4 / 4 MEVD 17.2.3
Capacity	СС	1998	1998
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	10.2	10.2
Fuel	RON	91–98	91–98
Output	kW/bhp	170 / 231	170 / 231
at engine speed	rpm	5200 - 6000	5200 - 6000
Torque	Nm	320	320
at engine speed	rpm	1250 – 4800	1250 – 4800
Electrical system			
Battery/installation	Ah / -	80 / engine compartment	80 / engine compartment
Alternator	Α	150	150
Suspension			
Front wheel suspension	S	ingle-joint McPherson spring	strut axle with aluminium swivel bearing and anti-dive control
Rear wheel suspension		Multilink	
Rear wheel suspension			axle with weight-optimised trailing arms
Brakes, front		disc, vented	axle with weight-optimised trailing arms disc, vented
Brakes, front Rear brakes		disc, vented disc	axle with weight-optimised trailing arms disc, vented disc
Brakes, front Rear brakes Driving stability systems	brake force distribution (EB with brake assistant, hill start	disc, vented disc lydraulic 2-circuit brake syste ID) and Cornering Brake Cont assistant, brake dry function, I, Electronic Differential Lock Handbra	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels
Brakes, front Rear brakes Driving stability systems Steering	brake force distribution (EE with brake assistant, hill start Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste ID) and Cornering Brake Cont assistant, brake dry function, I, Electronic Differential Lock Handbra Electrically as	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function
Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio	brake force distribution (EB with brake assistant, hill start	disc, vented disc lydraulic 2-circuit brake syste D) and Cornering Brake Conti assistant, brake dry function, I, Electronic Differential Lock of Handbre Electrically as	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres	brake force distribution (EE with brake assistant, hill start Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste D) and Cornering Brake Control assistant, brake dry function, I, Electronic Differential Lock of Handbre Electrically as 14.2 205/45 R17 88Y XL	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims	brake force distribution (EE with brake assistant, hill start Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste D) and Cornering Brake Conti assistant, brake dry function, I, Electronic Differential Lock of Handbre Electrically as	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission	brake force distribution (EE with brake assistant, hill start Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock ( Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims	brake force distribution (EE with brake assistant, hill start Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, LEL, Electronic Differential Lock ( Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual	axle with weight-optimised trailing arms disc, vented disc, vented disc with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels esisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	brake force distribution (EE with brake assistant, hill start. Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923	axle with weight-optimised trailing arms disc, vented disc, vented disc, wented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	brake force distribution (EE with brake assistant, hill start. Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136	axle with weight-optimised trailing arms disc, vented disc, vented disc, wented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	brake force distribution (EE with brake assistant, hill start. Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923	axle with weight-optimised trailing arms disc, vented disc, vented disc, wented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV	brake force distribution (EE with brake assistant, hill start. Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136	axle with weight-optimised trailing arms disc, vented disc, vented disc, wented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II III	brake force distribution (EE with brake assistant, hill start. Control (DTC)	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock (Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1  :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. lake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II III IV V	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1  :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. else impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II III IV V VI	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1  :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Conta assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628	axle with weight-optimised trailing arms disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. uke impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II  III  IV  V  VI  Reverse gear Final drive ratio	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1  :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste dD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock ( Handbre Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc m with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.512 0.851 0.672 3.185
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio Driving performance figures	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1  :1  :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste ltD) and Cornering Brake Cont assistant, brake dry function, lt, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.824	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc, with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ske impacts mechanically on rear wheels esisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.502
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV V V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.824	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc, weight disc, vented disc, with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.502
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II  III  IV  V  VI  Reverse gear Final drive ratio  Driving performance figures Power-to-weight ratio according to DIN Power output per litre	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.824	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc, with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.502
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II  III  IV  V  VI  Reverse gear Final drive ratio  Driving performance figures Power-to-weight ratio according to DIN Power output per litre Acceleration  O-100 km/h	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock C Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.824 7.1 85.1 6.3	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc, weight disc, vented disc, with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.502
Brakes, front Rear brakes Driving stability systems  Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio  II  III  IV  V  VI  Reverse gear Final drive ratio  Driving performance figures Power-to-weight ratio according to DIN Power output per litre	brake force distribution (EE with brake assistant, hill start. Control (DTC)  :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	disc, vented disc lydraulic 2-circuit brake syste lD) and Cornering Brake Cont assistant, brake dry function, l, Electronic Differential Lock of Handbra Electrically as 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed manual 3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.824	axle with weight-optimised trailing arms disc, vented disc, vented disc, vented disc, with anti-lock brakes (ABS), electronic rol (CBC), Dynamic Stability Control (DSC) Fading Brake Support, Dynamic Traction Control (EDLC) and Performance Control. ake impacts mechanically on rear wheels sisted EPS unit with Servotronic function 14.2 205/45 R17 88Y XL 7J × 17 light alloy 6-speed Steptronic sports transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.502

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Fuel consumption in EU cycle					
Urban	I/100 km	9.1	7.2		
Extra-urban	I/100 km	5.2	4.9		
Total	l/100 km	6.7	5,7		
CO <sub>2</sub>	g/km	155	133		
Other					
Emission rating		EU6	EU6		
Insurance rating	3rd party/fully comprehensive/3rd party fire + theft	16 / 21 / 23	16 / 21 / 23		
Ground clearance (empty)	mm	143	143		

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

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