MINI Medieninformation

10/2011 Page 1

Specifications. MINI John Cooper Works Roadster.



(Status: October 2011)		
Body		MINI John Cooper Works Roadster
No of doors/seats		212
Length/width/height (unladen)	mm	3758 / 1683 / 1391
Wheelbase		2467
	mm	1453 / 1461
Track, front/rear	mm	
Turning circle	m	10.7
Tank capacity	approx. I	50
Cooling system incl. heater	I	7.5
Engine oil		4.2
Transmission oil incl. drive train		Lifetime
Weight, unladen to DIN/EU ¹	kg	1185 / 1260
Max load to DIN	kg	290
Max permissible load	kg	1475
Max axle load, front/rear	kg	865 / 630
Max trailer load		0007 000
braked (12%) / unbraked	kg	-1-
Max roofload/max download	kg	-/- -/-
Luggage compartment		240
	$-/m^2/m^2$	0.36 / 1.99 / 0.72
Air drag c _x / A / c _x × A	-/111 /111	0.3671.9970.72
Engine		18 1412
Config/No of cyls/valves		Inline / 4 / 4
Engine management		MED 17.2.2
Capacity	cm ³	1598
Bore/stroke	mm	77.0 / 85.8
Compression ratio	:1	10.0
Fuel grade	RON	91–98
Max output	kW/hp	155 / 211
at	min ⁻¹	6000
Max torque (with overboost)	Nm	260 (280)
at	min ⁻¹	1850–5600 (2000–5100)
	(1)()	1650-3600 (2000-3100)
Electrical system	A I- /	FF / Francisco
Battery/installation	Ah / –	55 / Engine compartment
Alternator	A	120
Chassis		
Suspension, front		Single-joint MacPherson spring strut axle with anti-dive control
Suspension, rear		Multi-link axle with aluminium longitudinal struts and centrally-pivoted control arms
Front brakes		Vented disc
Diameter	mm	316 x 22
Rear brakes		Disc
Diameter	mm	280 v 10
Diameter Driving stability systems	mm Hydraulic two circuit brake system	280 x 10
Diameter Driving stability systems Steering	Hydraulic two-circuit brake system	280 x 10 with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with Brake Assist and rt Assistant, optional: Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Parking brake acts mechanically on rear wheels Electric power steering (EPS): 2.4 rotations in total
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MINI

Media Information

10/2011 Page 2

Fuel consumption in EU cycle		
Urban	l/100 km	9.6
Extra-urban	l/100 km	5.9
Composite	l/100 km	7.3
CO ₂	g/km	169
Miscellaneous		
Emission rating		EU5
Insurance ratings Germany	HPF/VK/TK	2
Ground clearance (empty)	mm	134

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight)

 $^{^{\}rm 1}$ Weight of the car in road trim (DIN) plus 75 kg for driver and luggage. $^{\rm 2}$ Data not yet available.