



Specifications.

MINI John Cooper Works Roadster.

MINI John Cooper Works Roadster Automatic.

Body	MINI John Cooper Works Roadster		MINI John Cooper Works Roadster Automatic	
No of doors/seats		2 / 2		2 / 2
Length/width/height (unladen)	mm	3758 / 1683 / 1391		3758 / 1683 / 1391
Wheelbase	mm	2467		2467
Track, front/rear	mm	1453 / 1461		1453 / 1461
Turning circle	m	10.7		10.7
Tank capacity	approx l	50		50
Cooling system incl heater	l	7.5		7.5
Engine oil	l	4.2		4.2
Transmission oil incl drive train	l	Lifetime		Lifetime
Weight, unladen to DIN/EU ¹	kg	1195 / 1270		1215 / 1290
Max load to DIN	kg	290		290
Max permissible weight	kg	1485		1505
Max axle load, front/rear	kg	875 / 630		895 / 630
Max trailer load braked (12%) / unbraked	kg	- / -		- / -
Max roofload/max download	kg	- / -		- / -
Luggage compartment	l	240		240
Air drag c _d / A / c _d × A	- / m ² / m ²	0.36 / 1.99 / 0.72		0.36 / 1.99 / 0.72
Engine				
Config/No of cyls/valves		In-line / 4 / 4		In-line / 4 / 4
Engine management		MEVD 1727		MEVD 1727
Capacity	cm ³	1598		1598
Bore/stroke	mm	77.0 / 85.8		77.0 / 85.8
Compression ratio	:1	10.5		10.5
Fuel grade	RON	91-98		91-98
Max output	kW /	155 / 211		155 / 211
at	rpm	6000		6000
Max torque (with overboost)	Nm	260 (280)		260 (280)
at	rpm	1850-5600 (2000-5200)		1850-5600 (2000-5200)
Electrical system				
Battery/installation	Ah /	70 / Engine compartment		70 / Engine compartment
Alternator	A	120		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		Vented disc
Diameter	mm	316 × 22		316 × 22
Rear brakes		Disc		Disc
Diameter	mm	280 × 10		280 × 10
Driving stability systems		Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with Brake Assist, Hill Start Assistant, Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Parking brake acts mechanically on rear wheels		
Steering		Electric power steering (EPS); 2.4 rotations in total		
Steering transmission, overall	:1	14.1		14.1
Tyres		205/45 R17 84W RSC		205/45 R17 84W RSC
Wheels		7J × 17 light-alloy		7J × 17 light-alloy
Transmission				
Type of gearbox		6-gear manual transmission		6-speed automatic transmission
Gear ratios	I	:1	3.308	4.044
	II	:1	2.130	2.371
	III	:1	1.483	1.556
	IV	:1	1.139	1.159
	V	:1	0.949	0.852
	VI	:1	0.816	0.672
Reverse gear	:1	3.231		3.193
Final drive ratio	:1	3.706		3.683
Performance				
Power-to-weight ratio to DIN	kg/kW	7.7		7.8
Output per litre	kW/l	97.0		97.0
Acceleration	0-100 km/h	s	6.5	6.7
	0-1000 m	s	26.3	26.5
in 4th/5th gear	80-120 km/h	s	5.3 / 6.3	- / -
Top speed	km/h		237	235
Fuel consumption in EU				
Urban	l/100 km	9.0		10.4
Extra-urban	l/100 km	5.5		5.5
Composite	l/100 km	6.8		7.3
CO ₂	g/km	157		169
Miscellaneous				
Emission rating		EU5		EU5
Ground clearance (empty)	mm	134		134

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

¹ Weight of the car in road trim (DIN) plus 75 kg for driver and luggage