

# Specifications.

## MINI John Cooper Works GP.



<b>Body</b>		<b>MINI John Cooper Works GP</b>
No of doors/seats		3 / 2
Length/width/height <sup>1)</sup> (unladen)	mm	3774 / 1683 / 1393
Wheelbase	mm	2467
Track, front/rear	mm	1473 / 1466
Turning circle	m	12.0
Tank capacity	approx. l	50
Cooling system incl. heater	l	7.5
Engine oil	l	4.2
Transmission oil incl. drive train	l	Lifetime
Weight, unladen to DIN/EU <sup>2)</sup>	kg	1160 / 1235
Max load to DIN	kg	250
Max permissible load	kg	1410
Max axle load, front/rear	kg	830 / 605
Max trailer load		
braked (12%) / unbraked	kg	- / -
Max roofload/max download	kg	- / -
Luggage compartment	m <sup>3</sup>	0.723
Air drag c <sub>d</sub> / A / c <sub>d</sub> × A	- / m <sup>2</sup> / m <sup>2</sup>	0.35 / 2.02 / 0.71
<b>Engine</b>		
Config/No of cyls/valves		Inline / 4 / 4
Engine management		MEVD 1727
Capacity	cm <sup>3</sup>	1598
Bore/stroke	mm	77.0 / 85.8
Compression ratio	:1	10.5
Fuel grade	RON	91-98
Max output	kW / hp	160 / 218
at	rpm	6000
Max torque (with overboost)	Nm	260 (280)
at	rpm	1750-5750 (2000-5100)
<b>Electrical system</b>		
Battery/Installation	Ah / -	70 / Engine compartment
Alternator	A	120
<b>Chassis</b>		
Suspension, front	Coilover suspension, modified camber, upside down shock absorbers, anti-dive	
Suspension, rear	Coilover suspension, modified camber, multi-link axle with aluminium longitudinal struts and centrally pivoted control arms	
Front brakes	Vented disc	
Diameter	mm	330 × 25
Rear brakes	Disc	
Diameter	mm	280 × 10
Driving stability systems	Hydraulic two-circuit brake system, six-piston fixed-calliper brakes at the front, anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with Brake Assist, Hill Start Assistant, GP racing mode, Dynamic Traction Control (DTC), 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
Tyres	215/40 R17 87W	
Wheels	7.5J × 17 light-alloy	
<b>Transmission</b>		
Type of gearbox	6-gear manual transmission	
Gear ratios	I	:1 3.308
	II	:1 2.130
	III	:1 1.483
	IV	:1 1.139
	V	:1 0.949
	VI	:1 0.816
Reverse gear	:1	3.231
Final drive ratio	:1	3.706
<b>Fahrleistungen</b>		
Power-to-weight ratio to DIN	kg/kW	7.3
Output per litre	kW/l	100.1
Acceleration	0-100 km/h	s 6.3
	0-1000 m	s 26.1
in 4th/5th gear	80-120 km/h	s 4.8 / 5.9
Top speed	km/h	242
<b>Fuel consumption in EU cycle</b>		
Urban	l/100 km	9.5
Extra-urban	l/100 km	5.7
Composite	l/100 km	7.1
CO <sub>2</sub>	g/km	165
<b>Miscellaneous</b>		
Emission rating		EU5
Insurance ratings Germany	HPF/VK/TK	<sup>3)</sup>
Ground clearance (empty)	mm	91

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

<sup>1)</sup> Height with roof fin: 1419 mm

<sup>2)</sup> Weight of the car in road trim (DIN) plus 75 kg for driver and luggage.

<sup>3)</sup> Data not yet available.