

# Specifications.

## MINI John Cooper Works GP.



Body			MINI John Cooper Works GP
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
Engine			
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)
Electrical system			
Battery/Installation	Ah / -		70 / Engine compartment
Alternator	A		120
Chassis			
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
Transmission			
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
Fahrleistungen			
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
Fuel consumption in EU cycle			
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
Miscellaneous			
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.