

# Technical Data - US.

## MINI John Cooper Works GP

MINI USA

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		John Cooper Works GP
		<b>-PA7KH-</b>
<b>Engine type</b>		<b>N18B16T0</b>
<b>Transmission type</b>		<b>manual transmission 6</b>
No of Doors / Seats	/	3 / 2
Veh. length	mm / inch	/
Veh. width	mm / inch	1683 / 66.3
Veh. height	mm / inch	1393 / 54.8
Wheelbase	mm / inch	2467 / 97.1
Turning circle	m / ft	12 / 39.4
Ground clearance	mm / inch	91 / 3.6
Shoulder width front	mm / inch	1278 / 50.3
Shoulder width rear	mm / inch	/
Legroom front	mm / inch	1059 / 41.7
Legroom rear	mm / inch	/
Max. headroom front	mm / inch	985 / 38.8
Max. headroom rear	mm / inch	/
Luggage comp. capacity (official)	m <sup>3</sup> / ft <sup>3</sup>	0,723 /
Luggage vol. (SAE) - only for homologation	ft <sup>3</sup>	
Fuel tank capacity	liter / gal	50 / 13.2
Curb weight (US)	Kg / lbs	1185 / 2612
Weight distribution (empty car)	%	36.7
Gross veh. weight	Kg / lbs	1410 / 3109
Payload	Kg / lbs	220 / 485
Axle load limit front	Kg / lbs	830 / 1830
Axle load limit rear	Kg / lbs	610 / 1345
Roof load	Kg / lbs	/
Engine type / Cylinders / Valves p.cyl.		in line / 4 / 4
Fuel management		MEVD 1727
Injection technique / Charging Type		DI2 / TwinPower Turbo
Displacement	cm <sup>3</sup> / inch	1598 / 98
Stroke	mm / inch	85.8 / 3.4
Bore	mm / inch	77 / 3
Engine power / at rpm	bHP / 1/min	211 / 6000
Engine torque / at rpm	ft lbs (Nm)/ 1/min	60)(Overboost: 280Nm/2000-5100 1/min) / 1750-5750
Compression rate / Fuel type (recomm.)	:1 /	10.5 / ROZ91-98 ( ROZ95 )
Type of gearbox		G253 TU
Gear ratios 1st gear / 2nd / 3rd / 4th	/ / /	3.308 / 2.13 / 1.483 / 1.139
5th / Gear ratio VI / 7th / 8th	/ / /	0.949 / 0.816 / /
Reverse gear		3.231
Final drive		3.706
Steering type / Steering transmission, over	/:1	rack-and-pinion (EPS)/
Front brake // diameter	- // mm / inch	disc ventilated // /
Rear brake // diameter	- // mm / inch	disc // /
Cx // A	// m <sup>2</sup> / ft <sup>2</sup>	0.35 // 2.02 / 21.75
Air resistance	m <sup>2</sup> / ft <sup>2</sup>	0.71 / 7.61
Top speed	Km/h / mph	242 / 150
Top speed optional	Km/h / mph	/
Acceleration 0-60 mph	s	
Acceleration 0-100Km/h	s	6.2
Acceleration 0-1000m	s	26
Fuel cons. city (official EPA)	mpg	
Fuel cons. highway (official EPA)	mpg	
Fuel cons. combined (official EPA)	mpg	
Fuel cons. city (acc. FTP)	mpg / L/100Km	/
Fuel cons. highway (acc. FTP)	mpg / L/100Km	/
Fuel cons. combined (acc. FTP)	mpg / L/100Km	/
Range	miles	
Front tyres		215/40 R17 87W
Rear tyres		215/40 R17 87W
Front rims		7,5J x 17 LM
Rear rims		7,5J x 17 LM
Run flat tyres		yes
Track front	mm / inch	1473 / 58
Track rear	mm / inch	1466 / 57.7
Wheel offset front / rear	mm / mm	45 / 45
Cooling system incl. Heater / Engine oil (fill)	liter/quarts // L./q.	7.5/7.9 // 4.2/4.4
Transmission fluid		permanent
Battery / Battery position	Ah /	70 / engine compartement
Alternator	A / W	120 / 1680
		SU93

\*\* exchange quantity