

MINI John Cooper Works Technical data (MotoringFile)

Engine Platform		N14B16T0
Transmission		M6
No of doors / seats	-	3 / 4
Vehicle Length / Height -unloaded-	mm	3730 / 1407
Width excl. Door Mirrors	mm	1683
Width incl. Door Mirrors	mm	1913
Wheelbase / Turning Circle	mm / m	2467 / 10.7
Wheel Offset	mm	48 / 48
Track Front / Rear	mm	1453 / 1461
Overhang Front / Rear	mm	692 / 571
Ground Clearance -empty-	mm	130
Shoulder Width Front / Rear	mm	1278 / 1136
Elbow Width Front / Rear	mm	1349 / 1128
Eff. Head Room Front / Rear	mm	985 / 955
Eff. Head Room Front / Rear with Sunroof	mm	956 / 928
Luggage Capacity	m ³	0.160 - 0.680
Fuel Tank Capacity	ltr	50
Curb Weight -acc DIN-	kg	1130 / 1205
Axle Load Ratio -unloaded DIN-	%	37.8
Gross Vehicle Weight / payload	kg	1580 / 450
Axle Load Limit Front / Rear	kg	885 / 755
Trailer Load Braked -12% / 8%-	kg	- / -
Trailer Load Unbraked / Roof Load	kg	- / 75
Engine Type / Cylinders / Valves per Cylinder	-	In Line / 4 / 4
Fuel Management	-	MED 17.2
Effective Displacement	cm ³	1598
Stroke / Bore	mm	85.8 / 77.0
Nominal Power Output / Engine Speed	hp (kW) / 1/min	211 (155) / 6000
Max Torque / Engine Speed	Nm / 1/min	260 (Overboost: 280) / 1850- 5600
Compression Ratio / Fuel Type	-	10 / ROZ 91-98
Exhaust Emissions Classification	-	EU4
Gearbox Reference Code	-	GETRAG G253
Gear Ratio 1st / 2nd / 3rd	-	3.308 / 2.130 / 1.483
Gear Ratio 4th / 5th / 6th	-	1.139 / 0.949 / 0.816
Reverse Ratio	-	3.231
Final Drive Ratio	-	3.65
Steering Type / Ratio	-	EPS / 14.1
Brake Front / Diameter	- / mm	Ventilated Disc / 316
Brake Rear / Diameter	- / mm	Disc / 280
Drag Cd / A / Cd x A	- / m ² / m ²	0.36 / 1.97 / 0.71
Top Speed	mph / km/h	148 / 238
Acceleration 0-62mph (0-100km/h)	s	6.5
Acceleration 0-1000m	s	26.3
Acceleration 50-75mph (80-120km/h) 4th / 5th / 6th Gear	s	5.2 / 6.2 / -
Weight Ratio	kg/kW	7.3
Output Per Litre	kW/ltr	97.0
Fuel Consumption -urban-	mpg / l/100km	30.7 / 9.2
Fuel Consumption -extra urban-	mpg / l/100km	50.4 / 5.6
Fuel Consumption -combined-	mpg / l/100km	40.9 / 6.9
Range at Fuel Consumption-combined-	miles / km	450 / 725

CO ² Emissions -EU-	g/km	165
Tyre Size -front-	-	205/45 R17 84W RSC
Tyre Size -rear-	-	205/45 R17 84W RSC
Wheel Size -front-	-	7J x 17 Light Alloy
Wheel Size -rear-	-	7J x 17 Light Alloy
Radiator incl. Heater Capacity	ltr	5.2
Engine Oil Replacement Capacity	ltr	4.2
Gearbox Fluid Replacement Capacity	ltr	Permanent Filling
Battery Capacity / Installed Position	Ah / -	46 / Engine Bay
Alternator Output rating	A/W	120 / 1680

MINI John Cooper Works Clubman

Engine Platform	N14B16T0
Transmission	M6
No of doors / seats	5 / 5
Vehicle Length / Height -unloaded-	3958 / 1432
Width excl. Door Mirrors	1683
Width incl. Door Mirrors	1913
Wheelbase / Turning Circle	2547 / 11.0
Wheel Offset	48 / 48
Track Front / Rear	1453 / 1461
Overhang Front / Rear	682 / 729
Ground Clearance -empty-	135
Shoulder Width Front / Rear	1278 / 1165
Elbow Width Front / Rear	1349 / 1141
Eff. Head Room Front / Rear	990 / 958
Eff. Head Room Front / Rear with Sunroof	968 / 957
Luggage Capacity	260 - 930
Fuel Tank Capacity	50
Curb Weight -acc DIN-	1205 / 1280
Axle Load Ratio -unloaded DIN-	41.6
Gross Vehicle Weight / payload	1690 / 485
Axle Load Limit Front / Rear	865 / 855
Trailer Load Braked -12% / 8%-	-
Trailer Load Unbraked / Roof Load	- / 75
Engine Type / Cylinders / Valves per Cylinder	In Line 4 / 4
Fuel Management	MED 17.2
Effective Displacement	1598
Stroke / Bore	85.8 / 77.0
Nominal Power Output / Engine Speed	211 (155) / 6000
Max Torque / Engine Speed	260*** / 1850 - 5600
Compression Ratio / Fuel Type	10 / ROZ91-98
Exhaust Emissions Classification	EU4
Gearbox Reference Code	G253
Gear Ratio 1st / 2nd / 3rd	3,308 / 2,13 / 1,483
Gear Ratio 4th / 5th / 6th	1,139 / 0,949 / 0,816 / -
Reverse Ratio	3,231
Final Drive Ratio	3,65
Steering Type / Ratio	EPS / 14.1
Brake Front / Diameter	Ventilated Disc / 316
Brake Rear / Diameter	Disc / 280
Drag Cd / A / Cd x A	0.35 / 2.02 / 0.71
Top Speed	148 / 238
Acceleration 0-62mph (0-100km/h)	6.8
Acceleration 0-1000m	26.7
Acceleration 50-75mph (80-120km/h) 4th / 5th / 6th Gear	5.4 / 6.6 / -
Weight Ratio	7.80
Output Per Litre	97.00

Fuel Consumption -urban-	30.4 / 9.3
Fuel Consumption -extra urban-	49.6 / 5.7
Fuel Consumption -combined-	40.4 / 7.0
Range at Fuel Consumption-combined-	440 / 710
CO ² Emissions -EU-	167
Tyre Size -front-	205/45 R17 84W RSC
Tyre Size -rear-	205/45 R17 84W RSC
Wheel Size -front-	7J x 17 Light alloy
Wheel Size -rear-	7J x 17 Light alloy
Radiator incl. Heater Capacity	5.2
Engine Oil Replacement Capacity	4.2
Gearbox Fluid Replacement Capacity	Permanent Filling
Battery Capacity / Installed Position	46 / Engine Bay
Alternator Output rating	120 / 1680

** 260 Nm with Overboost Function

*** 280 Nm with Overboost Function

Output and torque diagram

