

The new MINI Convertible.

Specifications

MINI Cooper Convertible, MINI Cooper S Convertible.



		MINI Cooper Convertible	MINI Cooper S Convertible
Body			
No of doors/seats		2/4	2/4
Length/width/height (unladen)	mm	3,699/1,683/1,414	3,714/1,683/1,414
Wheelbase	mm	2467	2,467
Track, front/rear	mm	1,459/1,467	1,453/1,461
Turning circle	m	10.7	10.7
Tank capacity	approx ltr	40	50
Cooling system incl heater	ltr	5.2	5.2
Engine oil	ltr	4.2	4.2
Transmission fluid incl final drive	ltr	Lifetime	Lifetime
Weight, unladen, to DIN/EU ¹	kg	1,165/1,240 (1,205/1,280)	1,230/1,305 (1,255/1,330)
Max load to DIN	kg	430	430
Max permissible weight	kg	1,595 (1,635)	1,660 (1,685)
Max permissible axle load front/rear	kg	840/780 (880/780)	880/795 (905/795)
Max permissible trailer load ²	kg	–	–
braked (12%)/unbraked	kg	–	–
Max roof load/max towbar download	kg	–	–
Luggage comp capacity	Ltr	125/170/660	125/170/660
Air drag c _d /A/c _d x A	–/m ² /m ²	0.35/1.97/0.69	0.37/ 1.99/0.74
Power Unit			
Configuration/No of cyls/valves		Straight/4/4	Straight/4/4
Engine management		MEV 17.2	MED 17.2
Capacity	cc	1,598	1,598
Bore/stroke	mm	77.0/85.8	77.0/ 85.8
Compression ratio	:1	11.0	10.5
Fuel grade	RON	91–98	91–98
Max output	hp	118	172
at	rpm	6,000	5,500
Max torque	lb-ft	114	177
at	rpm	4,250	1,600–5,000
Electrical System			
Battery/installation	Ah/–	46/front	46/front
Alternator	A/W	120/1,680	120/1,680
Chassis and Suspension			
Suspension, front		Single-joint Mc Pherson spring strut axle with anti-dive	
Suspension, rear		Longitudinal arm axle with centrally mounted track arms, z-axle	
Brakes, front		Discs, vented	
Diameter	mm	280 x 22	294 x 22
Brakes, rear		Discs	
Diameter	mm	259 x 10	259 x 10

Driving stability systems		Hydraulic two-circuit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and Cornering Brake Control (CBC), traction control (ASC+T), Dynamic Stability Control (DSC), optional Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC). Handbrake acting mechanically on rear wheels	
Steering		Electric Power Steering (EPS); 2,4 turns from lock to lock	
Steering transmission ratio, overall	:1	14.1	14.1
Transmission		Six-speed manual (six-speed automatic)	
Gear ratios I	:1	3.214 (4.148)	3.308 (4.044)
II	:1	1.792 (2.370)	2.130 (2.371)
III	:1	1.194 (1.556)	1,483 (1,556)
IV	:1	0.914 (1.155)	1.139 (1.159)
V	:1	0.784 (0.859)	0.949 (0.852)
VI	:1	0.683 (0.686)	0.816 (0.672)
Reverse	:1	4.353 (4.103)	3.647 (3.683)
Tires (std)		195/55 R16 R/F	205/45 R17 R/F
Rims		5.5J x 15 light alloy	6.5J x 16 light alloy

Performance

Power-to-weight ratio to DIN	kg/kW	13.2 (13.7)	9.6 (9.8)
Output per litre	hp	74.9	108.9
Acceleration 0–100 km/h	sec	9.6 (10.1)	7.4 (7.6)

Fuel Consumption (Transport Canada)

City (std/auto)	ltr/100 km	7.1 (7.9)	7.8 (8.7)
Highway (std/auto)	ltr/100 km	5.3 (5.7)	5.7 (6.2)
Combined (std/auto)	ltr/100 km	6.3 (6.9)	6.8 (7.6)

Miscellaneous

Ground clearance (unladen)	mm	139	130
Max speed when opening/ closing roof	km/h	30	30
Max speed when opening/ closing sliding roof	km/h	120	120

(Status: October 2008. Figures in brackets apply to models with automatic transmission)

¹ Weight of the ready for use vehicle (DIN) plus 75 kg for the driver and luggage.

² Under certain conditions increases may be possible.