MINI Media Information

03/2012

Valid from 04/2012

Specifications. MINI One 72 kW MINIMALIST.



Body		MINI One (72 kW) MINIMALIST
No of doors / seats		3/4
Length / width / height (unladen)	mm	3723 / 1683 / 1407
Wheelbase	mm	2467
Track, front / rear	mm	1459 / 1467
Turning circle	m	10.7
Tank capacity	approx. l	40
Cooling system incl. heater		5.2
Engine oil	I	4.2
Transmission oil incl. drive train		Lifetime
Weight, unladen to DIN / EU ¹⁾	kg	1070 / 1145
Max load to DIN	kg	450
Max permissible load to DIN	kg	1520
Max axle load, front / rear	kg	815 / 730
Max trailer load ²⁾		
braked (12%) / unbraked	kg	-/-
Max roofload / max download	kg	751-
Luggage comp to DIN		160–680
Air drag c _x / A / c _x × A	$-/ m^2 / m^2$	0.32 / 1.99 / 0.62
	-/111 /1111	0.327 1.337 0.0-
Engine		1.2. 7.4.7
Config / No of cyls / valves		Inline / 4 / 4
Engine management		MEV 17.2.2
Capacity	cm ³	1598
Bore / stroke	mm	77 / 85.8
Compression ratio	:1	11:
Fuel grade	RON	91–98
Max output	kW / hp	72/98
At	min ⁻¹	6000
Max torque	Nm	153
At	min ⁻¹	3000
Electrical System		
Battery / installation	Ah / –	55 / Engine compartmen
Alternator	A	120
Chassis		
Suspension, front		Single-joint MacPherson spring strut axle with anti-dive contro
Suspension, rear		Multi-link axle with aluminium longitudinal struts and centrally-pivoted control arms
Front brakes		Vented disc
Diameter	mm	280 × 22
Rear brakes		Disc
Diameter	mm	259 × 10
Driving stability systems	Cornering Brake Cor	uit brake system with anti-lock brakes (ABS), Electronic Brake Force Distribution (EBD) and ntrol (CBC), ASC+T traction control, Dynamic Stability Control (DSC) with Brake Assist and optional: Dynamic Traction Control (DTC) and Electronic Differential Lock Control (EDLC) Parking brake acts mechanically on rear wheels
Steering		Electric power steering (EPS); 2.4 rotations in tota
Steering transmission, overall		146
	:1	14.
Tyros	:1	
Tyres	:1	175/65 R15 84H
Wheels	:1	175/65 R15 84H
Wheels Transmission	:1	175/65 R15 84+ 5.5J × 15 S
Wheels Transmission Type of gearbox		175/65 R15 84F 5.5J × 15 S 6-gear manual transmission
Wheels Transmission Type of gearbox Gear ratios I	:1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214
Wheels Transmission Type of gearbox Gear ratios I II	:1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792
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Wheels Transmission Type of gearbox Gear ratios I II	:1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194
Wheels Transmission Type of gearbox Gear ratios I III III	:1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914
Wheels Transmission Type of gearbox Gear ratios I III IV V	:1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 0.683
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 0.683 3.143
Wheels Transmission Type of gearbox Gear ratios I II III IV V V VI Reverse gear Final drive ratio	:1 :1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 0.683 3.143
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 0.683 3.144 3.706
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1 :1 :1 :1	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.21c 1.792 1.194 0.914 0.784 3.144 3.706
Wheels Transmission Type of gearbox Gear ratios I IIIIV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre	:1 :1 :1 :1 :1 :1 :1 kg/kW	175/65 R15 84F 5.5J × 15 S 6-gear manual transmission 3.21- 1.79 1.19 0.91- 0.78 0.68 3.14 3.706
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1 :1 :1 :1	175/65 R15 84b 5.5J × 15 S 6-gear manual transmission 3.21- 1.79 1.19 0.91- 0.78 0.683 3.144 3.706
Wheels Transmission Type of gearbox Gear ratios II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0–1000 m	:1 :1 :1 :1 :1 :1 :1 kg/kW	175/65 R15 84b 5.5J × 15 S 6-gear manual transmission 3.21- 1.79 1.19 0.91- 0.78 0.683 3.144 3.706
Wheels Transmission Type of gearbox Gear ratios I III IIV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration O-100 km/h DIN Output per litre O-100 km/h O-100 km/h	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84b 5.5J × 15 S 6-gear manual transmission 3.21- 1.79/ 1.19 0.91- 0.78- 0.68/ 3.14/ 3.70/ 45.
Wheels Transmission Type of gearbox Gear ratios II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0–1000 m	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84 5.5J × 15 S 6-gear manual transmission 3.21- 1.79: 1.19- 0.91- 0.78: 0.68: 3.14: 3.70: 45: 10.: 31.: 12.1/15.:
Wheels Transmission Type of gearbox Gear ratios II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0-100 km/h Acceleration 0-1000 m In 4th / 5th gear 80-120 km/h Top speed 80-120 km/h Top speed	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84 5.5J × 15 S 6-gear manual transmission 3.21- 1.79: 1.19- 0.91- 0.78: 0.68: 3.14: 3.70: 45: 10.: 31.: 12.1/15.:
Wheels Transmission Type of gearbox Gear ratios I III III IV V V Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration O-100 km/h O-1000 m In 4th / 5th gear 80-120 km/h Top speed Fuel Consumption in EU Cycle Co	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84t 5.5J × 15 S 6-gear manual transmission 3.21- 1.79: 1.19- 0.91- 0.78- 0.68: 3.14: 3.70: 45. 10.: 31: 12.1/15.
Wheels Transmission Type of gearbox Gear ratios I II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration O-100 km/h O-1000 m In 4th / 5th gear 80-120 km/h Top speed Fuel Consumption in EU Cycle Urban Order Urban Urban Urban Order	:1 :1 :11 :11 :11 :11 :11 :11 :18 :11 :19 :19 :19 :19 :19 :19 :19 :19 :19	175/65 R15 84t 5.5J × 15 S 6-gear manual transmission 3.21· 1.79 1.19 0.91· 0.78 0.68: 3.14: 3.700 14.5 15.5 18.6 6.6
Wheels Transmission Type of gearbox Gear ratios I III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0-100 km/h 0-1000 m In 4th / 5th gear 80-120 km/h Top speed Fuel Consumption in EU Cycle Urban Extra-urban	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84+ 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 0.683 3.144 3.706 45.7 10.5 186
Wheels Transmission Type of gearbox Gear ratios I III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0-100 km/h 0-1000 m In 4th / 5th gear 80-120 km/h Top speed Fuel Consumption in EU Cycle Urban Extra-urban Composite	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84+ 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 3.144 3.706 45.5 10.5 31.7 12.1/15.3
Wheels Transmission Type of gearbox Gear ratios II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0−100 km/h 0−1000 m In 4 th / 5 th gear 80−120 km/h Top speed Fuel Consumption in EU Cycle Urban Extra-urban Composite CO₂	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84+ 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 3.144 3.706 45.5 10.5 31.7 12.1/15.3
Wheels Transmission Type of gearbox Gear ratios	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	175/65 R15 84+ 5.5J × 15 S 6-gear manual transmission 3.214 1.792 1.194 0.914 0.784 3.144 3.706 14.5 45.7 10.9 31.7 12.1/15.5 186 6.5
Wheels Transmission Type of gearbox Gear ratios II III IV V VI Reverse gear Final drive ratio Performance Power-to-weight ratio to DIN Output per litre Acceleration 0−100 km/h 0−1000 m In 4 th / 5 th gear 80−120 km/h Top speed Fuel Consumption in EU Cycle Urban Extra-urban Composite CO₂	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	31.7

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

 $^{^{1)}}$ Weight of the car in road trim (DIN) plus 75 kg for driver and luggage. $^{2)}$ Deviations are possible under certain circumstances.