MINI Convertible

03/2016

TECHNICAL SPECIFICATIONS. MINI ONE CONVERTIBLE.



Body	MINI One Convertible		
Number of doors/seats		2 / 4	
Length/width/height (empty)	mm	3821 / 1727 / 1415	
Wheelbase	mm	2495	
Track width, front/rear	mm	1501 / 1501	
Turning circle	m	10.8	
Fuel tank capacity	approx. l	40	
Engine oil	1	4.25	
Transmission oil incl. drivetrain	1	lifetime filling	
Unladen weight according to DIN/EU 1)	kg	1205 / 1280	
Payload according to DIN	kg	460	
Permitted gross vehicle weight	kg	1670	
Permitted axle loads, front/rear	kg	900 / 800	
Permitted trailer load			
braked (12 %) / unbraked	kg	-/-	
Permitted roof load/permitted download	kg	-/-	
Luggage compartment volume	1	160 / 215	
Aerodynamic drag $c_x / A / c_x \times A$	$- / m^2 / m^2$	0.34 / 2.07 / 0.70	
Engine			
Type/no. of cylinders/valves		In-line / 3 / 4	
Engine control		MEVD 17.2.3	
Capacity	cc	1198	
Bore/stroke	mm	78.0 / 83.6	
Compression	:1	10.2	
Fuel	RON	91–98	
Output	kW / hp	75 / 102	
at engine speed	rpm	4000 - 6000	
Torque (with overboost)	Nm	180	
at engine speed	rpm	1400 - 3900	
Electrical system			
Battery/installation	Ah / -	70 / engine compartment	
Alternator	A	150	
Suspension			
Front wheel suspension	Si	ngle-joint McPherson spring strut axle with aluminium swivel bearing and anti-di- control	
Rear wheel suspension		Multilink axle with weight-optimised trailing arms	
Brakes, front		disc, vented	
Rear brakes		disc	
Driving stability systems	Hvdra	ulic 2-circuit brake system with anti-lock brakes (ABS), electronic	
	brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Cont (DTC) and Electronic Differential Lock Control (EDLC). Handbrake impacts mechanically on rear wheels		
Steering		Electrically assisted EPS unit with Servotronic function	
Overall steering ratio	:1	14.0	
Tyres	175/65 R15 84H		
Rims	5.5] × 15 steel		
Transmission			
Transmission type		6-speed manual transmission	
Gear ratio I	:1	3.615	
П	:1	1.952	
III	:1	1.241	
IV	:1	0.969	
V	:1	0.806	
VI	:1	0.683	
Reverse gear	:1	3.538	
Final drive ratio	:1	3.632	
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	16.1	
Power output per litre	kW/l	62.6	
Acceleration 0–100 km/h	S	10.6	
Top speed	km/h	190	

MINI Convertible

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l/100 km	6.0 - 5.9	
l/100 km	4.6 - 4.4	
l/100 km	5.2 - 5.0	
g/km	120 - 116	
	EU6	
3rd party/fully	14/17/20	
mm	115	
	l/100 km l/100 km g/km 3rd party/fully	1/100 km

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm 2}$ Details not yet available $^{\rm 3}$ Dependent on tyre format selected

MINI COOPER CONVERTIBLE, MINI COOPER CONVERTIBLE AUTOMATIC.

03/2016

Body		MINI Cooper Convertible	MINI Cooper Convertible Automatic
*			<u> </u>
Number of doors/seats		2/4	2/4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. l	40	40
Engine oil	1	4.25	4.25
Transmission oil incl. drivetrain	1	lifetime filling	lifetime filling
Unladen weight according to DIN/EU 1)	kg	1205 / 1280	1230 / 1305
Payload according to DIN	kg	460	460
Permitted gross vehicle weight	kg	1670	1695
Permitted axle loads, front/rear	kg	910 / 800	940 / 800
Permitted trailer load		310 / 000	340 / 000
braked (12 %) / unbraked	kg	-/-	-/-
Permitted roof load/permitted download	kg	-/-	-/-
Luggage compartment volume	1	160 / 215	160 / 215
Aerodynamic drag $c_x / A / c_x \times A$	$-/m^2/m^2$	0.34 / 2.07 / 0.70	0.34 / 2.07 / 0.70
	/ III / III	0.54 / 2.07 / 0.70	0.54 / 2.67 / 0.70
Engine Type/pe. of cylinders/yelyes		In line / 2 / 4	In line / 2 / 4
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		MEVD 17.2.3	MEVD 17.2.3
Capacity	cc	1499	1499
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91-98	91-98
Output	kW / hp	100 / 136	100 / 136
at engine speed	rpm	4400	4400
Torque (with overboost)	Nm	220 (230)	220 (230)
at engine speed	rpm	1250	1250
Electrical system			
Battery/installation	Ah / -	70 / engine compartment	70 / engine compartment
Alternator	A	150	150
Suspension		150	150
Front wheel suspension	Single	-joint McPherson spring strut axle wi	th aluminium swivel bearing and anti-dive control
Rear wheel suspension		Multilia	r cyle with weight entimized trailing arms
			k axle with weight-optimised trailing arms
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock brakes (ABS), ele brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Contro with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction ((DTC) and Electronic Differential Lock Control (Handbrake impacts mechanically on rear		em with anti-lock brakes (ABS) electronic
		ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and E	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control
Steering		ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and El Handl	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control lectronic Differential Lock Control (EDLC).
Steering Overall steering ratio	with brake assistant, hill start	ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and El Handt Electrically a	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control lectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels
Overall steering ratio		ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0
Overall steering ratio Tyres	with brake assistant, hill start	ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels essisted EPS unit with Servotronic function 14.0 175/65 R15 84H
Overall steering ratio Tyres Rims	with brake assistant, hill start	ution (EBD) and Cornering Brake Con assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0
Overall steering ratio Tyres Rims Transmission	with brake assistant, hill start	ution (EBD) and Cornering Brake Cont assistant, brake dry function, Fading (DTC) and El Handl Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy
Overall steering ratio Tyres Rims Transmission Transmission type	with brake assistant, hill start	ution (EBD) and Cornering Brake Cont assistant, brake dry function, Fading (DTC) and El Handle Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels sesisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	with brake assistant, hill start	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels sesisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II	with brake assistant, hill start	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1,952	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459 2.508
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III	with brake assistant, hill start	ution (EBD) and Cornering Brake Contacts assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). rake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV	with brake assistant, hill start	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1,952	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). rake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III	with brake assistant, hill start	ution (EBD) and Cornering Brake Contacts assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control (etronic Differential Lock Control (EDLC). trake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Contraction, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels esisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851
Overall steering ratio	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Contraction, Fading (DTC) and Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control electronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels esisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672
Overall steering ratio Tyres Rims Transmission Transmission type I Gear ratio I III III IV V VI VI Reverse gear V	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Contacts assistant, brake dry function, Fading (DTC) and Electrically at 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683 3.538	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control (etronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I III III IV V VI Reverse gear Final drive ratio Final drive ratio	### with brake assistant, hill start ### :1	ution (EBD) and Cornering Brake Contacts assistant, brake dry function, Fading (DTC) and Electrically at 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control (etronic Differential Lock Control (EDLC). brake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III IV V V VI Reverse gear Final drive ratio Driving performance figures	:1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and Electrically a 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683 3.538 3.421	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control (etcronic Differential Lock Control (EDLC). Trake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.683
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I III III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683 3.538 3.421	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). Trake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.683 3.683
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I III III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN Power output per litre	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Contacts assistant, brake dry function, Fading (DTC) and El Handt Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683 3.538 3.421	trol (CBC), Dynamic Stability Control (DSC) Brake Support, Dynamic Traction Control Cetronic Differential Lock Control (EDLC). rake impacts mechanically on rear wheels ssisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5] × 15 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.683
Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I III III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN	with brake assistant, hill start :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	ution (EBD) and Cornering Brake Cont. assistant, brake dry function, Fading (DTC) and Electrically a 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed manual transmission 3.615 1.952 1.241 0.969 0.806 0.683 3.538 3.421	trol (CBC), Dynamic Stability Control (DSC), Brake Support, Dynamic Traction Control ectronic Differential Lock Control (EDLC). orake impacts mechanically on rear wheels sesisted EPS unit with Servotronic function 14.0 175/65 R15 84H 5.5J × 15 light alloy 6-speed Steptronic transmission

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l/100 km	6.0 - 5.9	
	6.0 - 5.9	6.3 - 6.2
l/100 km	4.5 - 4.3	4.7 - 4.5
l/100 km	5.1 – 4.9	5.3 - 5.1
g/km	118 – 114	123 - 119
	EU6	EU6
3rd party/fully	14/18/20	14/18/20
mm	115	115
	l/100 km l/100 km g/km 3rd party/fully	1/100 km 4.5 - 4.3 1/100 km 5.1 - 4.9 g/km 118 - 114 EU6 3rd party/fully 14/18/20

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm 2}$ Details not yet available $^{\rm 3}$ Dependent on tyre format selected

MINI Media information MINI Convertible

03/2016

MINI COOPER S CONVERTIBLE, MINI COOPER S CONVERTIBLE AUTOMATIC.

Body		MINI Cooper S Convertible	MINI Cooper S Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1415	3850 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1485 / 1485	1485 / 1485
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. l	44	44
Engine oil	арргох. 1	5.25	5.25
Transmission oil incl. drivetrain	1	lifetime filling	lifetime filling
Unladen weight according to DIN/EU 1)		1275 / 1350	1295 / 1370
Payload according to DIN	kg kg	460	460
Permitted gross vehicle weight	kg	1745	1765
Permitted axle loads, front/rear	kg	955 / 810	975 / 810
Permitted axic loads, front/fear	ĸģ.	933 / 610	3737 010
braked (12 %) / unbraked	kg	-/-	-/-
Permitted roof load/permitted download	kg	-/-	-/-
Luggage compartment capacity	1	160 / 215	160 / 215
Aerodynamic drag c _x / A / c _x × A	$-/m^2/m^2$	0.36 / 2.08 / 0.75	0.36 / 2.08 / 0.75
Engine			
Type/no. of cylinders/valves		In-line / 4 / 4	In-line / 4 / 4
Engine control		MEVD 17.2.3	MEVD 17.2.3
Capacity	СС	1998	1998
Bore/stroke	mm	82.0 / 94.6	82.0 / 94.6
Compression	:1	11.0	11.0
Fuel	RON	91–98	91–98
Output	kW / hp	141 / 192	141 / 192
at engine speed	rpm	5000 - 6000	5000 - 6000
Torque (with overboost)	Nm	280 (300)	280 (300)
at engine speed	rpm	1250 - 4600	1250 - 4600
Electrical system			
Battery/installation	Ah / -	80 / engine compartment	80 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension	Sing	gle-joint McPherson spring strut axle v	with aluminium swivel bearing and anti-dive control
Rear wheel suspension		Multili	ink axle with weight-optimised trailing arms
Brakes, front		disc, vented	disc, vented
Rear brakes		disc, vented	disc, vented
Driving stability systems			vstem with anti-lock brakes (ABS), electronic
zm. mg caumi, cycamo		ibution (EBD) and Cornering Brake Co art assistant, brake dry function, Fadin (DTC), Electronic Differential Lo	ontrol (CBC), Dynamic Stability Control (DSC) ng Brake Support, Dynamic Traction Control ck Control (EDLC) and Performance Control. dbrake impacts mechanically on rear wheels
Steering		Electrically	assisted EPS unit with Servotronic function
Overall steering ratio	:1	14.0	14.0
Tyres		195/55 R16 87W	195/55 R16 87W
Rims		6.5J × 16 light alloy	6.5J × 16 light alloy
Transmission			
Transmission type		6-speed manual transmission	6-speed Steptronic transmission
Gear ratio I	:1	3.923	4.459
II	:1	2.136	2.508
III	:1	1.393	1.555
IV	:1	1.088	1.142
V	:1	0.756	0.851
VI	:1	0.628	0.672
Reverse gear	:1	3.538	3.185
Final drive ratio	:1	3.588	3.502
Driving performance figures			
Power-to-weight ratio according to DIN	kg/kW	9.0	9.2
Power output per litre	kW/l	70.6	70.6
Acceleration 0–100 km/h	S S	7.2	7.1
Top speed	km/h	230	228
Top specu	KIII/ II	230	22

MINI Convertible

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Fuel consumption in EU cycle 3)			
Urban	l/100 km	7.9 – 7.8	7.2 - 7.1
Extra-urban	l/100 km	5.1 – 4.9	5.0 - 4.8
Total	l/100 km	6.1 – 6.0	5.8 - 5.6
CO ₂	g/km	142 - 139	134 - 131
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	14/19/20	14/19/20
Ground clearance (empty)	mm	115	115

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm 2}$ Details not yet available $^{\rm 3}$ Dependent on tyre format selected

MINI Convertible

03/2016

MINI COOPER D CONVERTIBLE, MINI COOPER D CONVERTIBLE AUTOMATIC.

Body		MINI Cooper D Convertible	MINI Cooper D Convertible Automatic
Number of doors/seats		2 / 4	2 / 4
Length/width/height (empty)	mm	3821 / 1727 / 1415	3821 / 1727 / 1415
Wheelbase	mm	2495	2495
Track width, front/rear	mm	1501 / 1501	1501 / 1501
Turning circle	m	10.8	10.8
Fuel tank capacity	approx. l	44	44
Engine oil	1	4.4	4.4
Transmission oil incl. drivetrain	1	lifetime filling	lifetime filling
Unladen weight according to DIN/EU 1)		1245 / 1320	1265 / 1340
Payload according to DIN	kg	460	
	kg		460
Permitted gross vehicle weight	kg	1710	1730
Permitted axle loads, front/rear	kg	935 / 805	955 / 805
Permitted trailer load braked (12 %) / unbraked	1	,	,
Permitted roof load/permitted download	kg kg		
	<u>ng</u>	160 / 215	160 / 215
Luggage compartment capacity	$-/m^2/m^2$		
Aerodynamic drag $c_x / A / c_x \times A$	- / III- / III-	0.33 / 2.07 / 0.68	0.33 / 2.07 / 0.68
Engine		T. II. (2.44	T. II. (2.4)
Type/no. of cylinders/valves		In-line / 3 / 4	In-line / 3 / 4
Engine control		DDE 7.01	DDE 7.01
Capacity	сс	1496	1496
Bore/stroke	mm	84.0 / 90.0	84.0 / 90.0
Compression	:1	16.5	16.5
Fuel	RON	Diesel	Diesel
Output	kW / hp	85 / 116	85 / 116
at engine speed	rpm	4000	4000
Torque	Nm	270	270
at engine speed	rpm	1750 - 2250	1750 - 2250
Electrical system			
Battery/installation	Ah / -	80 / engine compartment	80 / engine compartment
Alternator	A	150	150
Suspension			
Front wheel suspension	Singl	e-joint McPherson spring strut axle w	ith aluminium swivel bearing and anti-dive control
Rear wheel suspension		Multilia	nk axle with weight-optimised trailing arms
			<u> </u>
Brakes, front		disc, vented	disc, vented
Rear brakes		disc	disc
Driving stability systems	Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electro brake force distribution (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (D with brake assistant, hill start assistant, brake dry function, Fading Brake Support, Dynamic Traction Conl (DTC) and Electronic Differential Lock Control (EDI Handbrake impacts mechanically on rear whe		atrol (CBC), Dynamic Stability Control (DSC) g Brake Support, Dynamic Traction Control
Steering		Electrically a	assisted EPS unit with Servotronic function
Overall steering ratio	:1	14.0	14.0
Tyres		175/65 R15 84H	175/65 R15 84H
Rims		5.5] × 15 light alloy	5.5] × 15 light alloy
Transmission			
		6-speed manual transmission	6-speed Steptronic transmission
Transmission type	-1	6-speed manual transmission	6-speed Steptronic transmission 4 459
Transmission type Gear ratio I	:1	3.923	4.459
Transmission type Gear ratio I II	:1	3.923 2.136	4.459 2.508
Transmission type Gear ratio I II III	:1 :1	3.923 2.136 1.276	4.459 2.508 1.555
Transmission type	:1 :1 :1	3.923 2.136 1.276 0.921	4.459 2.508 1.555 1.142
Transmission type Gear ratio I	1 1 1 1	3.923 2.136 1.276 0.921 0.756	4.459 2.508 1.555 1.142 0.851
Transmission type Gear ratio I II III IV V VI VI VI Care Care	31 31 31 31 31	3.923 2.136 1.276 0.921 0.756 0.628	4.459 2.508 1.555 1.142 0.851 0.672
Transmission type Gear ratio I	31 31 31 31 31 31	3.923 2.136 1.276 0.921 0.756 0.628 3.538	4.459 2.508 1.555 1.142 0.851 0.672 3.185
Transmission type Gear ratio I	31 31 31 31 31	3.923 2.136 1.276 0.921 0.756 0.628	4.459 2.508 1.555 1.142 0.851 0.672 3.185
Transmission type Gear ratio I	1 1 1 1 1 1 1	3.923 2.136 1.276 0.921 0.756 0.628 3.538	4.459 2.508 1.555 1.142 0.851 0.672 3.185
Transmission type Gear ratio I	31 31 31 31 31 31	3.923 2.136 1.276 0.921 0.756 0.628 3.538	4.459 2.508 1.555 1.142 0.851 0.672
Transmission type Gear ratio I	1 1 1 1 1 1 1	3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.389	4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.234
Transmission type Gear ratio I II III IV V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN	:1 :1 :1 :1 :1 :1 :1 :1	3.923 2.136 1.276 0.921 0.756 0.628 3.538 3.389	4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.234

MINI Convertible

03/2016

Fuel consumption in EU cycle 3)			
Urban	l/100 km	4.5 – 4.4	4.5 - 4.4
Extra-urban	l/100 km	3.7 – 3.5	3.9 - 3.7
Total	l/100 km	4.0 - 3.8	4.1 - 3.9
CO ₂	g/km	105 - 100	109 - 104
Other			
Emission rating		EU6	EU6
Insurance rating	3rd party/fully	16/19/20	16/19/20
Ground clearance (empty)	mm	115	115

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm 2}$ Details not yet available $^{\rm 3}$ Dependent on tyre format selected

MINI COOPER SD CONVERTIBLE AUTOMATIC.

03/2016

Body		MINI Cooper SD Convertible Automatic
Number of doors/seats		2 / 4
Length/width/height (empty)	mm	3850 / 1727 / 1415
Wheelbase	mm	2495
Track width, front/rear	mm	1485 / 1485
Turning circle	m	10.8
Fuel tank capacity	approx. l	44
Engine oil	l	5.0
Transmission oil incl. drivetrain	1	lifetime filling
Unladen weight according to DIN/EU 1)	kg	1305 / 1380
Payload according to DIN	kg	460
Permitted gross vehicle weight	kg	1770
Permitted axle loads, front/rear	kg	970 / 810
Permitted trailer load	ĸģ	370 / 610
braked (12 %) / unbraked	kg	-/-
Permitted roof load/permitted download	kg	
Luggage compartment capacity	1	160 / 215
Aerodynamic drag $c_x / A / c_x \times A$	$-/m^2/m^2$	0.36 / 2.08 / 0.75
Engine	, ,	3,127, 2,137, 5,13
Type/no. of cylinders/valves		In-line / 4 / 4
Engine control		DDE 7.01
Capacity	cc	1995
Bore/stroke	mm	84.0 / 90.0
Compression	:1	16.5
Fuel	RON	<u>Diesel</u> 125 / 170
Output	kW / hp	
at engine speed	rpm	4000
Torque	Nm	360
at engine speed	rpm	1500 - 2750
Electrical system		
Battery/installation	Ah / -	80 / engine compartment
Alternator	A	150
Suspension		
Front wheel suspension		
	Single-joi	nt McPherson spring strut axle with aluminium swivel bearing and anti-dive
	Single-joi	control
	Single-joi	
Rear wheel suspension Brakes, front	Single-joi	control Multilink axle with weight-optimised trailing arms disc, vented
Rear wheel suspension	Single-joi	control Multilink axle with weight-optimised trailing arms disc, vented disc
Rear wheel suspension Brakes, front		control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic
Rear wheel suspension Brakes, front Rear brakes	brake force distributio	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC)
Rear wheel suspension Brakes, front Rear brakes	brake force distributic with brake assistant, hill start as:	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control
Rear wheel suspension Brakes, front Rear brakes	brake force distributic with brake assistant, hill start as:	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control.
Rear wheel suspension Brakes, front Rear brakes Driving stability systems	brake force distributic with brake assistant, hill start as:	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering	brake force distributic with brake assistant, hill start as	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio	brake force distributic with brake assistant, hill start as:	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres	brake force distributic with brake assistant, hill start as	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims	brake force distributic with brake assistant, hill start as	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission	brake force distributic with brake assistant, hill start as	control Multilink axle with weight-optimised trailing arms disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type	brake force distributic with brake assistant, hill start as: :1	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type	brake force distributic with brake assistant, hill start as	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I	brake force distribution with brake assistant, hill start assistant in the start as a start as	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5] × 16 light alloy 6-speed Steptronic transmission 4.459 2.508
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II	brake force distribution with brake assistant, hill start assistant :1 :1 :1 :1	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III III	brake force distribution with brake assistant, hill start assistant :1 :1 :1 :1 :1 :1	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V	brake force distribution with brake assistant, hill start assistant :1 :1 :1 :1 :1 :1 :1	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III III	brake force distribution with brake assistant, hill start assistant, hill start assistant in the start assistant assistant as a start assistant as a start assistant as a start as a s	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI	brake force distribution with brake assistant, hill start assistant :1 :1 :1 :1 :1 :1 :1	control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear	brake force distribution with brake assistant, hill start assistant, hill start assistant in the start assistant assistant as a start assistant as a start assistant as a start as a s	Control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5] × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio	brake force distribution with brake assistant, hill start assistant, hill start assistant assist	Control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.6672 3.185
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V VI Reverse gear Final drive ratio Driving performance figures	brake force distribution with brake assistant, hill start assistant, hill start assistant assist	Control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic on (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.6672 3.185
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio I II III V V VI Reverse gear Final drive ratio Driving performance figures Power-to-weight ratio according to DIN	brake force distribution with brake assistant, hill start assistant, hill start assistant assist	Control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5J × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.234
Rear wheel suspension Brakes, front Rear brakes Driving stability systems Steering Overall steering ratio Tyres Rims Transmission Transmission type Gear ratio II III IV V	brake force distribution with brake assistant, hill start assistant :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1 :1	Control Multilink axle with weight-optimised trailing arms disc, vented disc, vented disc Hydraulic 2-circuit brake system with anti-lock brakes (ABS), electronic (EBD) and Cornering Brake Control (CBC), Dynamic Stability Control (DSC) sistant, brake dry function, Fading Brake Support, Dynamic Traction Control (DTC), Electronic Differential Lock Control (EDLC) and Performance Control. Handbrake impacts mechanically on rear wheels Electrically assisted EPS unit with Servotronic function 14.0 195/55 R16 87W 6.5] × 16 light alloy 6-speed Steptronic transmission 4.459 2.508 1.555 1.142 0.851 0.672 3.185 3.234

MINI Convertible

03/2016

Fuel consumption in EU cycle 3)		
Urban	l/100 km	5.0 - 4.9
Extra-urban	l/100 km	4.1 - 3.9
Total	l/100 km	4.4 - 4.3
CO ₂	g/km	116 - 113
Other		
Emission rating		EU6
Insurance rating	3rd party/fully	16/19/20
Ground clearance (empty)	mm	115

 $^{^{\}rm D}$ Weight of road-ready automobile (DIN) plus 75 kg for driver and luggage $^{\rm 2}$ Details not yet available $^{\rm 3}$ Dependent on tyre format selected