BMW
Media
Information

5/2014

Valid from
7/2014

Specifications.
BMW 4 Series Convertible.
435d xDrive

		BMW 435d xDrive Convertible
Body		
No. of doors/seats		2 / 4
Length/width/height (unladen)	mm	4638 / 1825 / 1399
Wheelbase	mm	2810
Front/rear track	mm	1544 / 1590
Ground clearance	mm	145
Turning circle	m	11.8
Fuel capacity	approx. l	57
Cooling and heating system reservoir capacity	l	7.2
Engine oil capacity [1]	l	6.5
Weight, unladen (DIN/EU)	kg	1850 / 1925
Payload (DIN)	kg	440
Permitted total weight	kg	2290
Permitted axle load, front/rear	kg	1095 / 1230
Permitted trailer load (12%) braked/unbraked	kg	1800 / 750
Permitted roof load/trailer download	kg	– / 75
Luggage compartment capacity	l	370
Aerodynamic drag	c_c x A	0.31 x 2.16
Engine		
Type/no. of cylinders/valves		in-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology with two turbochargers, high pressure charger with variable inlet geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
Effective capacity	cc	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel type		Diesel
Output	kW/hp	230 / 313
at rpm	min^{-1}	4000
Torque	Nm	630
at rpm	min^{-1}	1500 – 2500
Electrical		
Battery charge/location	Ah/–	90 / luggage compartment
Alternator current/output	A/W	170 / 2380
Driving Dynamics and Safety		
Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear suspension		Five-link axle in lightweight steel construction
Front brakes		Single-piston floating-calliper disc brakes, inner-vented
Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
Driving stability systems		Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assist, linked to xDrive all-wheel-drive system in Integrated Chassis Management (ICM); optional: Adaptive Suspension
Safety equipment		Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point automatic seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indicator
Steering		Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
Overall steering ratio	:1	15.2
Front/rear tyres		225/50 R17 94W
Front/rear wheels		7,5J x 17 light-alloy

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Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios	I	:1	4.714
	II	:1	3.143
	III	:1	2.106
	IV	:1	1.667
	V	:1	1.285
	VI	:1	1.000
	VII	:1	0.839
	VIII	:1	0.667
	R	:1	3.317
Differential ratio		:1	2.563

Performance			
Weight-to-power ratio (DIN unladen)	kg/kW		8.0
Specific power output	kW/l		76.8
Acceleration	0–100 km/h	sec.	5.2
	0–1,000 m	sec.	[2]
in 5th gear	80–120 km/h	sec.	–
Max. speed	km/h		250

BMW EfficientDynamics	
BMW EfficientDynamics Features included as standard	Brake Energy Regeneration with recuperation display, electric power steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, optimised aerodynamic attributes, on-demand operation of ancillary units, efficiency-optimised rear differential and power divider, tyres with reduced rolling resistance, BMW BluePerformance technology

Fuel consumption (EU) [3]		
With standard wheels and tyres		
Urban	l/100 km	6.8
Extra-urban	l/100 km	5.2
Total	l/100 km	5.7
CO_2 emissions	g/km	151
With 8J x 18'' rims and 225/45 R18 tyres and winter tyres, With 8J x 18'' front rims, 8.5J x 18'' rear rims, 225/45 R18 front tyres and 255/40 R18 rear tyres, With 8J x 19'' front rims, 8.5J x 19'' rear rims, 225/40 R19 front tyres and 255/35 R19 rear tyres		
Urban	l/100 km	7.0
Extra-urban	l/100 km	5.3
Combined	l/100 km	5.9
CO_2 emissions	g/km	155
Emissions standard		EU6

Technical data valid for ACEA countries/Some permitted weights valid only for Germany

[1] Oil change volume
[2] Data not yet available
[3] Fuel consumption and CO_2 emissions depend on the selected tyre format