BMW Media Information

5/2014

Valid from 7/2014

Specifications. BMW 4 Series Convertible. 430d



Lengthwidthheight (unladen) mm			BMW 430d Convertible
No. of doors/seats Length/width/height (unladen) mm	D. J.		
Length-widthheight (unladen) mm			2/4
Wheelbase mm 2.2 Front/rear track mm 3.1545/13 Ground clearance mm 3.1545/13 Fermited trailer load (12%) kg 3.1770/18 Fermited total weight kg 3.2 Fermited trailer load (12%) kg 3.1807/13 Fermited trailer load (12%) kg 4.1807/13 Fermited trailer load (12			
Front/rear track mm 1545 / 12 Ground clearance mm 1 Fuel capacity approx. I Cooling and heating system 1 reservoir capacity 1 Regine oil capacity 1 Regine technology 1 Regine technology 1 Regine oil capacity 1	<u> </u>		2810
Ground clearance mm Turning circle m 1 Turning circle m 2 Turning circ			
Turning circle m			134571594
Fuel capacity approx. I Cooling and heating system (eservoir capacity) Engine oil capacity) I system oil capacity Engine oil capacity Permitted total weight Permitted total weight Permitted total weight Permitted trailer load (12%) Permitted trailer load (12%) Permitted trailer load (12%) Permitted roaf load/trailer download Luggage compartment capacity Luggage			11.3
Cooling and heating system research of capacity Engine oil capacity Engine oil capacity Engine oil capacity Engine oil capacity I I I I I I I I I			57
reservoir capacity Engine oil capacity I Weight, unladen (DIN/EU)			57
Engine oil capacity 19 Permitted total weight kg 1770 / 18 Permitted total weight kg 1025 / 12 Permitted total weight kg 1025 / 12 Permitted total weight kg 1025 / 12 Permitted trailer load (12%) kg 1025 / 12 Permitted for load front/rear kg 1025 / 12 Permitted for load frailer load (12%) kg 1026 / 12 Permitted for load (12%) kg 1026 / 12 P		1	7.2
Payload (DIN) kg Permitted total weight kg Permitted axle load, front/rear kg Permitted trailer load (12%) kg Permitted roof load/trailer kg download Luggage compartment capacity l Aerodynamic drag c, x A 0.30 x 2 Engine Type/no. of cylinders/valves Engine technology BMW TwinPower Turbo technology with variable-geometry turbochar Common Rail direct injection with soloid valve injection (max. injection pressure: 1800) Effective capacity cc Stroke/bore mm 90.0 / E Compression ratio :1 90.0 / E Compression ratio :1 90.0 / E Compression ratio :1 90.0 / E Euctrical Battery charge/flocation An- 90 / luggage compartment at rpm min- 1500 - 30 Electrical Battery charge/flocation An- 90 / luggage compartment at rpm min- 1500 - 30 Aluminium double-joint spring-strut axle with displaced camber, small post steering roll radius, compensation of lateral forces, anti- Five-link axle in lightweight steel construct Front suspension Five-link axle in lightweight steel construct CBC Cornering Brake Control, DBC Dynamic Brake Control, brake of function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front- seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seatbelt shore in a seatbelt of the comment of the seatbelt entinens and seatbelt force limiters in front seatbelt entinens and seatbelt force limiters in front seatbelt entinens and seatbel			6.5
Permitted total weight kg 22 Permitted axie load, front/rear kg 1025/12 Permitted axie load, front/rear kg 1025/12 Permitted road load/trailer download 1800/2 Permitted road fload/trailer kg 1800/2 Permitted road fload/trailer kg 2 22 Permitted road fload/trailer kg 3 2	Weight, unladen (DIN/EU)	kg	1770 / 1845
Permitted axle load, front/rear kg Permitted trailer load (12%) kg Permitted trailer load (12%) kg Permitted roaler load (12	Payload (DIN)	kg	450
Permitted axle load, front/rear Permitted trailer load (12%) Permitted trailer load (12%) Permitted trailer load (12%) Permitted roof load/trailer download Luggage compartment capacity Aerodynamic drag Luggage compartment capacity Prype/no. of cylinders/valves Engine Type/no. of cylinders/valves Engine technology BMW TwinPower Turbo technology with variable-geometry turbochar Common Rail direct injection with solenoid valve injection pressure: 1800 Effective capacity Common Rail direct injection with solenoid valve injection pressure: 1800 Effective capacity Compression ratio 11 Compression ratio 11 Dirul type Dirul typ	Permitted total weight	kg	2220
Permitted trailer load (12%) braked/unbraked	Permitted axle load, front/rear		1025 / 1230
download Luggage compartment capacity Aerodynamic drag C _c x A Aerodynamic drag C _c x A Aerodynamic drag C _c x A C _c x x A C _c x x A C _c x A	` ,		1800 / 750
Aerodynamic drag		kg	-175
Engine Type/no. of cylinders/valves BMW TwinPower Turbo technology with variable-geometry turbo characteristic forms and the common Rail direct injection with solenoid valve inject (max. injection pressure: 1800	Luggage compartment capacity		370
Type/no. of cylinders/valves Engine technology BMW TwinPower Turbo technology with variable-geometry turbochar Common Rail direct injection with solenoid valve injection gravity contents of the property of		c _c x A	0.30 x 2.16
Engine technology BMW TwinPower Turbo technology with variable-geometry turbochar Common Rail direct injection with solenoid valve inject (max. injection pressure: 1800) Effective capacity cc 2 Stroke/bore mm 90.0 / 8 Compression ratio :1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Engine		
Effective capacity cc	Type/no. of cylinders/valves		in-line / 6 / 4
Stroke/bore mm 90.0 / 8 Compression ratio :1 1 Fuel type Die Output kW/hp 190 / 2 at rpm min-1 40 Torque Nm 90 / luggage compartm at rpm min-1 1500 – 30 Electrical Battery charge/location Ah/— 90 / luggage compartm Alternator current/output AW 170 / 2 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, articular suspension Five-link axle in lightweight steel constructor structors are suspension Single-piston floating-calliper disc brakes, inner-ver priving stability systems Single-piston floating-calliper disc brakes, inner-ver Structors are suspension Stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dny function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-seat passenger airbags, three-point autom seatbelt force limiters in from seats, crash sensors, tyre pressure indictions. Steering Electromechanical rack-and-pinion power steering (Electromechanical rack-and-	Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection pressure: 1800 bar)
Compression ratio :1 1 Fuel type	Effective capacity	CC	2993
Fuel type Dite Output kW/hp 1907/2 at rpm min ⁻¹ 440 Torque Nm in ⁻¹ 1500 – 30 Electrical Battery charge/location Ah/– 90 / luggage compartm Alternator current/output AW 1707/2 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posis steering roll radius, compensation of lateral forces, anti- Rear suspension Five-link axle in lightweight steel constructor to trakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Conton, fading compensation, start-off assist, optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-seat passenger side airbags with combined head airbags, three-point autom passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front-seat spassenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front-seat spassenger side airbags, three-point autom passenger side airbags, swith combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front-seats, crash sensors, tyre pressure indicated with Servotronic function; optional: Variable Sport Steer		mm	90.0 / 84.0
Output kW/hp 190 / 2 at rpm min ⁻¹ 40 Torque Nm 1500 – 30 Electrical Battery charge/location Ah/- 90 / luggage compartm Alternator current/output A/W 170 / 2 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-client brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dn function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, dri	Compression ratio	:1	16.5
at rpm min ⁻¹ 40 Torque Nm min ⁻¹ 1500 – 30 Electrical Battery charge/location Ah/- 90 / luggage compartm Alternator current/output AW 170 / 2: Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-Rear suspension Five-link axle in lightweight steel constructor brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Safety equipment Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Contaction, fading compensation, start-off assist, optional: Adaptive Suspension Standard: driver and front-seat passenger airbags, driver and front-seat passenger airbags, driver and front-seat passenger airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indications and seaton of the process of the process of the process of the passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in front seats, crash sensors, tyre pressure indications of the passenger seather of the process of the passenger seather of the passenger seather of the process of the passenger seather of the passenger seat	Fuel type		Diesel
Torque Nm min ⁻¹ 1500 – 30 Electrical Battery charge/location Ah/- 90 / luggage compartm Alternator current/output AW 170 / 23 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-companies from the sear suspension Five-link axle in lightweight steel constructor front brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Contemporary Companies of the search of the searc		kW/hp	190 / 258
at rpm min ⁻¹ 1500 – 30 Electrical Battery charge/location Ah/- 90 / luggage compartm Alternator current/output AW 170 / 20 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-quality for the suspension steering roll radius, compensation of lateral forces, anti-quality for the suspension Five-link axle in lightweight steel construction brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Contact CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-spassenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indicates the seaton of the seato	at rpm	min ⁻¹	4000
Electrical Battery charge/location Ah/- Alternator current/output AW 170 / 20 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-output axle suspension steering roll radius, compensation of lateral forces, anti-output axle suspension Five-link axle in lightweight steel construction. Rear suspension Five-link axle in lightweight steel construction brakes Single-piston floating-calliper disc brakes, inner-vertiener br	Torque	Nm	560
Battery charge/location Ah/– Alternator current/output AW 170 / 2: Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-Rear suspension Five-link axle in lightweight steel constructor brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dny function, fading compensation, fading compensation, fading compensation, sessity optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-spassenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in froating Compensation, seats, crash sensors, tyre pressure indictions are seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in froating Electromechanical rack-and-pinion power steering (Electromechanical rack-and-pinion power steering (Electro	at rpm	min ⁻¹	1500 – 3000
Alternator current/output AW 17072 Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-Rear suspension Five-link axle in lightweight steel constructor brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in froseats, crash sensors, tyre pressure indictions Steering Electromechanical rack-and-pinion power steering (Electromechanical rack-and-pinion power	Electrical		
Driving Dynamics and Safety Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-Rear suspension Five-link axle in lightweight steel constructors brakes Single-piston floating-calliper disc brakes, inner-ver Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-seat passenger airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indictions Steering Electromechanical rack-and-pinion power steering (Electromechanical rack-and-pinion power steering (Electromechanical rack-and-pinion)			90 / luggage compartment
Front suspension Aluminium double-joint spring-strut axle with displaced camber, small posisteering roll radius, compensation of lateral forces, anti-Rear suspension Five-link axle in lightweight steel constructor brakes Single-piston floating-calliper disc brakes, inner-ver Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-spassenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and seatbelt force limiters in from the seats, crash sensors, tyre pressure indictives and the seats, crash sensors, tyre pressure indictives and the seat	Alternator current/output	A/W	170 / 2380
Rear suspension Five-link axle in lightweight steel construct Front brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-seat passenger airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in fr seats, crash sensors, tyre pressure indice Steering Electromechanical rack-and-pinion power steering (El with Servotronic function; optional: Variable Sport Steer		<u> </u>	
Front brakes Single-piston floating-calliper disc brakes, inner-ver Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-seat passenger airbags, three-point autom passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in fr seats, crash sensors, tyre pressure indice Steering Electromechanical rack-and-pinion power steering (El with Servotronic function; optional: Variable Sport Steer	Front suspension		Aluminium double-joint spring-strut axle with displaced camber, small positive steering roll radius, compensation of lateral forces, anti-dive
Rear brakes Single-piston floating-calliper disc brakes, inner-ver Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front- passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in fr seats, crash sensors, tyre pressure indice Steering Electromechanical rack-and-pinion power steering (El with Servotronic function; optional: Variable Sport Steer	<u>'</u>		Five-link axle in lightweight steel construction
Driving stability systems Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Cont CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, driver and front-spassenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indicated to the seat of the sea	Front brakes		Single-piston floating-calliper disc brakes, inner-vented
CBC Cornering Brake Control, DBC Dynamic Brake Control, brake dry function, fading compensation, start-off assist; optional: Adaptive Suspens Safety equipment Standard: driver and front-seat passenger airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indicates the seat passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in from seats, crash sensors, tyre pressure indicates the seats, crash sensors, tyre pressure indicates the seats of	Rear brakes		Single-piston floating-calliper disc brakes, inner-vented
passenger side airbags with combined head airbags, three-point autom seatbelts for all seats, seatbelt tensioners and seatbelt force limiters in fr seats, crash sensors, tyre pressure indicated in the seats of the	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; optional: Adaptive Suspension
Steering Electromechanical rack-and-pinion power steering (El with Servotronic function; optional: Variable Sport Steer	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
	Steering		seats, crash sensors, tyre pressure indicator Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Variable Sport Steering
	Overall steering ratio	:1	15.0
<u> </u>			225/50 R17 94W
· · · · · · · · · · · · · · · · · · ·			7,5J x 17 light-alloy

BMW

Media Information

5/2014

Valid from 7/2014

Specifications. BMW 4 Series Convertible.

	BMW 430d Convertible
Transmission	
Type of gearbox	8-speed Steptronic
Gear ratios I :1	4.714
II :1	3.14
III :1	2.10
IV :1	1.66
V :1	1.28
VI :1	1.000
VII :1	0.83
VIII :1	0.66
R :1	3.31
Differential ratio :1	2.563
Performance	
Weight-to-power ratio kg/kW (DIN unladen)	9.9
Specific power output kW/l	63.
Acceleration 0–100 km/h sec.	5.
0-1,000 m sec.	
in 5th gear 80–120 km/h sec.	
Max. speed km/h	25
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, differential with optimized warm-up behaviour, tyres with reduced rolling resistance BMW BluePerformance technology
Fuel consumption (EU) 3)	
With standard wheels and tyres	
Urban I/100 km	6.
Extra-urban I/100 km	4,
Total I/100 km	5.
. 3.3. W 100 KH	
CO2 emissions a/km	

4.9

5.5

144

EU6

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

I/100 km

I/100 km

g/km

Extra-urban

Combined

CO₂ emissions

Emissions standard

 $[\]stackrel{1)}{\circ}$ Oil change volume $^2)$ Data not yet available $^3)$ Fuel consumption and CO_2 emissions depend on the selected tyre format