

Specifications. BMW 6 Series Gran Turismo. 630i.

		BMW 630i Gran Turismo
Body		
No. of doors/seats		4/5
Length/width/height ¹⁾ (unladen)	mm	5091 / 1902 / 1538
Wheelbase	mm	3070
Track, front/rear	mm	1615 / 1649
Ground clearance	mm	138
Turning circle	m	12.3
Tank capacity	approx. ltr	68
Engine oil 2)	ltr	5.25
Weight, unladen, to DIN/EU	kg	1720 / 1795
Max. load to DIN	kg	660
Max. permissible weight	kg	2380
Max. axle load, front/rear	kg	1110 / 1380
Max. trailer load,	kg	111071000
braked (12%)/unbraked	ĸġ	2100 / 750
Max. roof load/towbar download	kg	75 / 100
Luggage comp. capacity	 ltr	610 - 1800
Air resistance	Cd X A	0.26 x 2.54
	GUXA	0.20 / 2.34
Engine		
Config./No. of cyls./valves		in-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger,
		High Precision Injection, VALVETRONIC fully variable valve timing,
		Double-VANOS variable camshaft timing
Effective capacity	cm ³	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		min RON 91
Output	kW/hp	190 / 258
at	rpm	5000 - 6500
Torque	Nm	400
at	rpm	1550 – 4400
Electrical System		
Battery/Installation	Ah/-	90 / luggage comp.
	An/-	50 / luggage comp.
Driving Dynamics and Safety		
Suspension, front	Al	luminium double track control arm axle with separate lower track arm leve
		small steering roll radius, traverse force compensation, anti-dive
Suspension, rear	F	ive-link axle in aluminium lightweight construction, double elastic bearing
		air suspension with automatic self-levelling
Brakes, front		Four-piston fixed-calliper disc brakes / vented
Brakes, rear		Single-piston floating-calliper disc brakes / vented
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),
	(CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying
		function, fading compensation, start-off assistant; optional: Adaptive
		Suspension, Executive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags for front and rear seats, three-point inertia-
	r	reel seatbelts on all seats with belt latch tensioner and belt force limiter at
Cha ania a		the front seats, crash sensors, Tyre Pressure Indicator
Steering		Electromechanical rack-and-pinion power steering (EPS)
	.1	with Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.3
Tyres, front/rear		225/60 R17 99Y
Rims, front/rear		7.5J x 17 light-alloy

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			BMW 630i Gran Turismo
Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios	1	:1	5.250
		:1	3.360
		:1	2.172
	IV	:1	1.720
	V	:1	1.316
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.712
Final drive		:1	3.077
Performance			
Power-to-weight	ratio (DIN)	kg/kW	9.1
Output per litre		kW/l	95.1
Acceleration	0–100 km/h	S	6.3
Top speed		km/h	250
BMW EfficientD	Dynamics		
BMW EfficientDy	namics	Bra	ke Energy Regeneration with recuperation display, EPS (Electric Pow
standard features			Steering), Auto Start Stop function, Optimum Shift Indicator,

Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, automatic rear spoiler, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption EL	J cycle		
Urban	ltr/100 km	8.0 – 7.9	
Extra-urban	ltr/100 km	5.9 – 5.7	
Combined	ltr/100 km	6.7 – 6.5	
CO ₂	g/km	153 – 148	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 640i.

		BMW 640i Gran Turismo	
Dette			
Body No. of doors/seats		4/5	
Length/width/height ¹⁾ (unladen)	mm	5091 / 1902 / 1538	
Wheelbase		3070	
Track, front/rear	mm	1615 / 1649	
Ground clearance	mm	138	
Turning circle	m	12.3	
Tank capacity	approx. ltr	68	
	ltr	6.5	
Weight, unladen, to DIN/EU	kg	1770 / 1845	
Max, load to DIN	kg	660	
Max. permissible weight	kg	2450	
Max. axle load, front/rear	kg	1175 / 1390	
Max. trailer load,	kg	117371030	
braked (12%)/unbraked	Ng	2100 / 750	
Max. roof load/towbar download	kg	75 / 100	
Luggage comp. capacity	ltr	610 - 1800	
Air resistance	Cd X A	0.26 x 2.54	
	OU X A	0.20 % 2.04	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger,	
		High Precision Injection, VALVETRONIC fully variable valve timing,	
		Double-VANOS variable camshaft timing	
Effective capacity	cm ³	2998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel		min RON 91	
Output	kW/hp	250/340	
at	rpm	5500 - 6500	
Torque	Nm	450	
at	rpm	1380 – 5200	
Electrical System			
Battery/Installation	Ah/-	90 / luggage comp.	
Battorymiotanation	7.4.0	0011499490001101	
Driving Dynamics and Safety			
Suspension, front	A	luminium double track control arm axle with separate lower track arm level,	
		small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double elastic bearing,	
		air suspension with automatic self-levelling	
Brakes, front		Four-piston fixed-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying	
		function, fading compensation, start-off assistant, optional: Adaptive	
<u> </u>		Suspension, Executive Drive	
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and	
		front passenger, head airbags for front and rear seats, three-point inertia-	
	I	reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
Ctooring		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
Cteoring ratio averall	. 1	with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1 16.3		
Tyres, front/rear	225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy	

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			BMW 640i Gran Turismo
Transmissio	n		
Type of gearbo	OX		8-speed Steptronic
Gear ratios		:1	5.000
		:1	3.200
		:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
inal drive		:1	3.077
Performance	•		
Power-to-weig	ght ratio (DIN)	kg/kW	7.1
Dutput per litre	e	kW/I	83.4
Acceleration	0–100 km/h	S	5.4
Fop speed		km/h	250
BMW Efficie	ntDynamics		
BMW Efficient	Dynamics	Brake Ene	rgy Regeneration with recuperation display, EPS (Electric Pow
		_	

standard features

Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, automatic rear spoiler, on-demand operation of ancillary units, mapcontrolled oil pump, differential with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption EL	J cycle		
Urban	ltr/100 km	10.2 – 10.1	
Extra-urban	ltr/100 km	6.4 - 6.1	
Combined	ltr/100 km	7.7 – 7.6	
CO ₂	g/km	176 – 173	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 640i xDrive.

		BMW 640i xDrive Gran Turismo	
Body			
No. of doors/seats		4/5	
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1540	
Wheelbase	mm	3070	
Track, front/rear	mm	1615/1647	
Ground clearance	mm	138	
Turning circle	m	12.5	
Tank capacity	approx. ltr	68	
Engine oil 2)	ltr	6.5	
Weight, unladen, to DIN/EU	kg	1835 / 1910	
Max. load to DIN	kg	660	
Max. permissible weight	kg	2515	
Max. axle load, front/rear	kg	1220 / 1410	
Max. trailer load,	kg		
braked (12%)/unbraked		2100 / 750	
Max. roof load/towbar download	kg	75 / 100	
Luggage comp. capacity	ltr	610 – 1800	
Air resistance	c _d x A	0.27 x 2.54	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: twin scroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing,	
		Double-VANOS variable camshaft timing	
Effective capacity	cm ³	2998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel		min RON 91	
Output	kW/hp	250 / 340	
at	rpm	5500 - 6500	
Torque	Nm	450	
at	rpm	1380 – 5200	
Electrical System			
Battery/Installation	Ah/-	90 / luggage comp.	
	7-410	so naggago comp.	
Driving Dynamics and Safety			
Suspension, front	А	luminium double track control arm axle with separate lower track arm level,	
Currentian and	r	small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double elastic bearing,	
Brokes front		air suspension with automatic self-levelling	
Brakes, front		Four-piston fixed-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying	
	τι	unction, fading compensation, start-off assistant, networked with xDrive all-	
		wheel-drive system; optional: Adaptive Suspension, Executive Drive	
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and		
		front passenger, head airbags for front and rear seats, three-point inertia-	
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.3	
Tyres, front/rear	225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy	

			BMW 640i xDrive Gran Turismo
Transmission			
Type of gearbox			8-speed Steptronic
Gear ratios		:1	5.000
		:1	3.200
		:1	2.143
	IV	:1	1.720
	V	:1	1.314
	VI	:1	1.000
	VII	:1	0.822
	VIII	:1	0.640
	R	:1	3.456
Final drive		:1	3.077
Performance			
Power-to-weight	ratio (DIN)	kg/kW	7.3
Output per litre		kW/I	83.4
Acceleration	0–100 km/h	S	5.3
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientDy	namics	Brake Er	nergy Regeneration with recuperation display, EPS (Electric Po

standard features

Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, automatic rear spoiler, on-demand operation of ancillary units, mapcontrolled oil pump, differential and power divider with optimized-warm-up behaviour, tyres with reduced rolling resistance

Fuel consumption EL	J cycle		
Urban	ltr/100 km	10.9 – 10.8	
Extra-urban	ltr/100 km	6.7 – 6.5	
Combined	ltr/100 km	8.2 - 8.1	
CO ₂	g/km	187 – 184	
Emission rating		EU6d-TEMP	

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

¹⁾ Height including roof aerial ²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 620d.

Body No. of doors/seats 4 / 5 No. of doors/seats 4 / 5 Unengthwidthheight "(unladen) mm 5091 / 1902 / 1538 Wheelbase mm 1011 / 1902 / 1538 Wheelbase mm 139 Turning circle m 12.3 Tarik capacity approx. It 66 Engine oil ³ It 5.0 Max. pediato IDNN kg 640 Max. permissible weight kg 2440 Max. permissible weight kg 2100 / 750 Max. roaf load/howbar download kg 751 / 100 Liggage comp. capacity ftr 610 - 1800 Ar rosi load/howbar download kg 751 / 100 Liggage comp. capacity ftr 610 - 1800 Ar rosi load/howbar download kg 751 / 100 Liggage comp. capacity ftr 610 - 1800 Config.No. of cyls./valves in-line / 4 / 4 Engine Config.No. of cyls./valves in-line / 4 / 4 Engine Config.No. of cyls./valves			BMW 620d Gran Turismo	
No. of doors/seats 4/15 Lengthwidth/height "(unladen) mm 5091 / 1902 / 1538 Vehebase mm 3070 Track, front/rear mm 1615 / 1647 Ground clearance mm 123 Tank capacity approx. Itr 666 Engine oil * ttr 5.0 Weight, unladen, to DINEU kg 680 Max. load to DIN kg 680 Max. ade load, front/rear kg 1150 / 1425 Max. ade load, front/rear kg 1160 - 1800 Largege comp. capacity ttr 610 - 1800 Largege comp. capacity ttr 610 - 1800 Config.Als. of cyls./valves in-line / 4 / 4 Engine Config.Als. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry. common rail direct fuel injection with solenoid injec				
Length/width/height % (unladen) mm 5091 / 1902 / 1538 Wheelbase mm 3070 Track, front/lear mm 1615 / 1647 Ground Clearance mm 138 Turning circle m 12.3 Tank, capacity approx. Itr 66 Engine oil ^a Itr 5.0 Weight, unladen, to DINEU kg 680 Max, ake load, front/rear kg 2440 Max, ake load, front/rear kg 1150 / 1425 Max, rofe load/kowbard download kg 75 / 100 Luggage comp. capacity Itr 610 - 1800 Max, rofe load/kowbard download kg 75 / 100 Luggage comp. capacity Itr 610 - 1800 Air resistance ca x A 0.25 x 2.54 Engine Config.No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turb technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm ^a 1995 Strok			1 / E	
Wheelbase mm 3070 Track, front/lear mm 1615 / 1647 Ground clearace mm 138 Turning circle m 12.3 Tank capacity approx. Itr 66 Engine oll ? Itr 5.0 Weight, unladen, to DIN/EU kg 1765 / 1840 Max, load to DIN kg 680 Max, ale toad, front/rear kg 1150 / 1425 Max, ale toad, front/rear kg 1150 / 1425 Max, ale toad, front/rear kg 1150 / 1425 Max, ale toad, front/rear kg 1160 / 1800 Arresistance c.ax A 0.25 x 2.54 Engine In-line / 4 / 4 Engine Config.No. of cyls./valves In-line / 4 / 4 Engine technology Config.No. of cyls./valves In-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, cormon rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm³ 1995 Strokelbore mm 90.0 / 44.0 Compression ratio :1 16.5 Fuel				
Trads, front/rear mm 1615/1647 Ground clearance mm 138 Tuning circle m 12.3 Tank capacity approx. Itr 66 Engine oll ^a Itr 5.0 Weight, unladen, to DINEU kg 1765/1840 Max, load to DIN kg 680 Max, areal load, front/rear kg 1150/1425 Max, trailer load, kg 2100/750 Max trailer load, kg 75/100 Liggape comp, capacity Itr 610 - 1800 Aix roof load/towbar download kg 75/100 Liggape comp, capacity Itr 610 - 1800 Air resistance cax A 0.25 x 2.54 Engine Config.No. of cylk.Natwes In-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common ral direct fuel injection with solend injectors Config.No. of cylk.Natwes In-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common ral direct fuel injection with solend injectors				
Ground clearance mm 138 Turning circle m 12.3 Tark capacity approx. Itr 66 Engine oll * Max. Journal of DINEU kg 1765 / 1840 Max. lead to DIN kg 680 Max. ave load, front/trear kg 1150 / 1425 Max. tailer load, kg 75 / 100 Luggage comp. capacity itr 610 - 1800 Arr resistance c c2 x A 0.25 x 2.54 Engine Config.No. of cyls.Aalves in-line / 4 / 4 Engine C Config.No. of cyls.Aalves in-line / 4 / 4 Engine technology BMWT winPower Turbo technology: turbocharger with variable inlet geometry. common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm ³ 1995 Strokebore mm 900. / 84.0 Compression ratio ::1 16.5 Fuel Desel Output kWhp 140 / 190 at mpm 44000 Torque Nm 400 Torque Nm 400 Torque Nm 400 Torque Nm 400 Torque Nm 400 Torque Nm 400 Compression, front Alurinium lightweight construction, double elastic bearing. Strokebore Standards and Safety Stopension, front Alurinium double track control arm ave with separate lower track arm level, small steering roll radius, traverse force compensation, and there Stopension, front Alurinium double track control arm ave with separate lower track arm level, small steering roll radius, traverse force compensation, and there Stopension, front Standard: SC forci. ABS and DTC (Dynamics Texton Control), CBC Comering Reve Control DRC Dynamics Textor Control, Standard: DSC hord. ABS on DTC (Dynamic Texton Control), CBC Comering Reve Control DRC Dynamics and Safety Standard: SCS forci. ABS and DTC (Dynamic Texton Control), CBC Comering Reve Control DRC Dynamics Soft exerces / vented Driving Stability systems Standard: airbags for front and rear seats, three-point nerti- re et astabets to and a laste with black thesioner and bet force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering ElectrinceAnd airbags for front and rear seats, three-po				
Turning circle m 12.3 Tank capacity approx. Itr 66 Engine oil ³ Itr 5.0 Weight, unladen, to DINEU kg 1765.11840 Max. load to DIN kg 680 Max. braite ODN kg 680 Max. atrailer load, kg 1150/1425 Max. trailer load, kg 75/100 Luggage comp. capacity Itr 610–1800 Max. roof load/towbar download kg 75/100 Luggage comp. capacity Itr 610–1800 Air resistance ca x A 0.25 x 2.54 Engine Config.No. of v/s.Nalves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology, turbocharger with variable inlet geometry, common rail direct fue lingication with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity Effective capacity cm ³ 1995 Stroke/bore mm 90.01/84.0 Compression ratio :1 16.5 Fuel Diesel Divput Atting rpm				
Tank capacity approx. Itr 66 Engine ol 2 Itr 5.0 Weight, unladen, to DINEU kg 1765/11840 Max, pormissible weight kg 2440 Max, parmissible weight kg 2440 Max, parmissible weight kg 2440 Max, tailer load, kg 1150/1425 Max, roof load/towbar download kg 75/100 Max roof load/towbar download kg 75/100 Luggage comp, capacity Itr 610 – 1800 At resistance c.a x A 0.25 x 2.54 Engine Config./No. of cyls.Nalves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm³ Comfression ratio :1 16.5 Fuel Output kW/hp 140/190 du at rpm 4000 at rpm Suspension, front Aluminium double track control arm aske with				
Engine oil */ Itr 5.0 Weight, unladen, to DINEU kg 1765 / 1840 Max, load to DIN kg 680 Max, load to DIN kg 2440 Max, ade load, font/rear kg 1150 / 1425 Max, trailer load, kg 75 / 100 Luggage comp, capacity Itr 610 - 1800 Ar, ros load/towbar download kg 75 / 100 Luggage comp, capacity Itr 610 - 1800 Ar, ros load/towbar download kg 75 / 100 Luggage comp, capacity Itr 610 - 1800 Ar, ros load/towbar download kg 75 / 100 Config.No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoil injectors (max. injection pressure: 2000 bar) Effective capacity Config.No. of cyls./valves mm 90.07 84.0 Config.No. of cyls./valves mm 90.07 84.0 Compression ratio :1 16.5 Fuel Diesel Output KWhp 140/ 190 0 at	°			
Weight, unladen, to DINEU kg 1765/1840 Max, bad to DIN kg 680 Max, permissible weight kg 2440 Max, and load, front/ear kg 1150/1425 Max, trailer load, kg 2100/750 Max, trailer load, kg 2100/750 Max, troiler load, kg 2100/750 Max, trailer load, kg 0.25 x 2.54 Engine In-line / 4 / 4 Engine technology, turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max, injection pressure: 2000 bar) Effective capacity cm³ Effective capacity cm³ 1995 Strokebore Output				
Max. load to DIN kg 680 Max. permissible weight kg 2440 Max. avel load, front/rear kg 1150 / 1425 Max. trailer load, kg 75 / 100 Luggage comp. capacity Itr 610 - 1800 Air resistance c.a. X 0.25 x 2.54 Engine C. Config.No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rul direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm ³ 1995 Stroke/Bore mm 90.0 / 84.0 Compression ratio :1 1 16.5 Fuel Disel Output kW/hp 140 / 190 at rpm 4000 at rpm 4000 at rpm 1750 - 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Electrical System Battery/Installation Ah/- 90 / luggage comp. Electrical System Battery/Installation Ah/- 90 / luggage comp. Stroke/Bore Stroke/Bore Suspension, rear Five-link ake in aluminium double track control arm axle with separate lower track arm Ievel, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Single-piston floating-calliper disc brakes / vented Brakes, rear Sin	<u> </u>			
Max. permissible weight kg Max. atel load, front/rear kg Max. atel load, front/rear kg Max. railer load, kg Max. roof load/towbar download kg Max. roof load/towbar download kg Max. roof load/towbar download kg Air resistance c.d.x A O.25 x 2.54 Engine Config./No. of cyls.Avalves in-line / 4 / 4 Engine technology BMW TwinPower Turb technology: turbocharger with variable inlet Gongression ratio in-line / 4 / 4 Compression ratio in in rpm 90.0 / 84.0 Compression ratio in in rgm 4000 Torque Nm 40 Diesel Output kW/hp it rpm 4000 at rpm 10rque Nm 400 air supenation with automatic self-levelling Suspension, front Alurininum double track control arm axle with separate lower track arm level, aris supension, with automatic self-levelling Suspens				
Max. axle load, front/rear kg 1150 / 1425 Max. trailer load, kg braked (129)(unbraked 2100 / 750 Max. roof load/towbar download kg 75 / 100 Luggage comp. capacity Itr 610 – 1800 Air resistance Air resistance ca x A 0.25 x 2.54 Config./No. of cyls./valves In-line / 4 / 4 Engine Config./No. of cyls./valves In-line / 4 / 4 Config./No. of cyls./valves In-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injectorin pressure: 2000 bar) Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel Dutput kW/hp 140 / 190 140 / 190 at rpm 4000 Torque Nm 400 Diving Dynamics and Safety Suspension, front Alurninium double track control arm axle with separate lower track arm level, small steering rol radus, traverse force componasiton, anti-dive Suspension, rear Five-link axle in aluminium lightweight constructon, do				
Max. trailer load, kg braked (12%)/unbraked 2100 / 750 Max. roof load/towbar download kg 75 / 100 Luggage comp. capacity Itr 610 - 1800 Air resistance ca x A 0.25 x 2.54 Engine Config./No. of cyls./valves in-line / 4 / 4 Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm³ 1995 StrokeBore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel Output KW/hp 140 / 190 14 at rpm 4000 Torque Nm 400 at rpm 4000 Torque Nm 400 Suspension, front Aluminium double track control arm alle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axie in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling Brakes, rear Single-piston fibed-calliper disc brakes / vented Brakes, rear Single-piston fibed-calliper disc brakes / vented Brakes, rear Single-p				
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Engine technology BMW TwinPower Turbo technology: turbocharger with variable inlet geometry, common rail direct fuel injection with solenoid injectors (max. injection pressure: 2000 bar) Effective capacity cm³ 1995 Stroke/bore mm 90.0 / 84.0 Compression ratio :1 16.5 Fuel Diesel 0 Output kW/hp 140 / 190 at rpm 4000 at rpm 4000 at rpm 1750 - 2500 Electrical System Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling Brakes, front Four-piston fixed-calliper disc brakes / vented Driving stability systems Standard: airbags for driver and front passenger, ide airbags for driver and front passenger, side airbags for d	Engine			
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at rpm 1750 – 2500 Electrical System Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, front Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling Brakes, front Four-piston fixed-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbells on all seats, with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function, optional: Integral Active Steering Steering ratio, overall :1 16.3 <td></td> <td></td> <td></td>				
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Battery/Installation Ah/- 90 / luggage comp. Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling Brakes, front Four-piston fixed-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertiareel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	Electrical System			
Driving Dynamics and Safety Suspension, front Aluminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive Suspension, rear Five-link axle in aluminium lightweight construction, double elastic bearing, air suspension with automatic self-levelling Brakes, front Four-piston fixed-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y		۸b/_	90 / Juggage comp	
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Brakes, front Four-piston fixed-calliper disc brakes / vented Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	Suspension, rear	F		
Brakes, rear Single-piston floating-calliper disc brakes / vented Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
Driving stability systems Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	/			
CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
function, fading compensation, start-off assistant; optional: Adaptive Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	Driving stability systems			
Suspension, Executive Drive Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 Tyres, front/rear 225/60 R17 99Y				
front passenger, head airbags for front and rear seats, three-point inertia- reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
reel seatbelts on all seats with belt latch tensioner and belt force limiter at the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	Safety equipment			
the front seats, crash sensors, Tyre Pressure Indicator Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
Steering Electromechanical rack-and-pinion power steering (EPS) with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
with Servotronic function; optional: Integral Active Steering Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y				
Steering ratio, overall :1 16.3 Tyres, front/rear 225/60 R17 99Y	Steering			
Tyres, front/rear 225/60 R17 99Y			· · · · ·	
	Steering ratio, overall	:1 16.3		
Rims, front/rear 7.5J x 17 light-alloy				
	Rims, front/rear		7.5J x 17 light-alloy	

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			BMW 620d Gran Turismo	
Transmissior	1			
Type of gearbo			8-speed Steptronic	
Gear ratios		:1	5.250	
		:1	3.360	
		:1	2.172	
	IV	:1	1.720	
	V	:1	1.316	
	VI	:1	1.000	
	VII	:1	0.822	
	VIII	:1	0.640	
	R	:1	3.712	
Final drive		:1	3.077	
Performance				
Power-to-weig	ht ratio (DIN)	kg/kW	12.6	
Output per litre)	kW/I	70.2	
Acceleration	0–100 km/h	S	7.9	
Top speed		km/h	220	
BMW Efficier	ntDynamics			
BMW Efficientl	Dynamics	Bra	ake Energy Regeneration with recuperation display, EPS (Electric Power	
standard featur	es		Steering), Auto Start Stop function, Optimum Shift Indicator,	
		E	CO PRO mode with coasting function and Proactive Driving Assistant,	
		BM	1W EfficientLightweight, optimised aerodynamic attributes, active air flag	
		con	trol, automatic rear spoiler, on-demand operation of ancillary units, map	
			ontrolled oil pump, differential with optimized-warm-up behaviour, tyres	
		with reduced rolling resistance, BMW Blue Performance technology		
			including SCR catalytic converter	
Fuel consum	ption EU cycle			
Urban		ltr/100 km	5.4 - 5.4	
Extra-urban		ltr/100 km	4.6 - 4.5	
Combined		ltr/100 km	40.49	

4.9 – 4.8 129 – 127

EU6d-TEMP

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

ltr/100 km

g/km

¹⁾ Height including roof aerial
²⁾ Oil change volume

Combined $\overline{CO_2}$

Emission rating

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 630d.

		BMW 630d Gran Turismo	
Body			
Body No. of doors/seats		4/5	
Length/width/height ¹⁾ (unladen)	mm	5091 / 1902 / 1538	
Wheelbase	mm	3070	
Track, front/rear	mm	1615 / 1649	
Ground clearance	mm	138	
Turning circle	m	12.3	
Tank capacity	approx. Itr	66	
Engine oil ²⁾	ltr	6.5	
Weight, unladen, to DIN/EU	kg	1825 / 1900	
Max. load to DIN	kg	680	
Max. permissible weight	kg	2510	
Max. axle load, front/rear	kg	1180 / 1425	
Max. trailer load,	kg		
braked (12%)/unbraked	0	2100 / 750	
Max. roof load/towbar download	kg	75 / 100	
Luggage comp. capacity	ltr	610 – 1800	
Air resistance	c _d x A	0.25 x 2.54	
Engine			
Config./No. of cyls./valves		in-line / 6 / 4	
Engine technology		BMW TwinPower Turbo technology: turbocharger with variable inlet	
5 5,		geometry, common rail direct fuel injection with piezo injectors	
		(max. injection pressure: 2500 bar)	
Effective capacity	cm ³	2993	
Stroke/bore	mm	90.0 / 84.0	
Compression ratio	:1	16.5	
Fuel	Diesel		
Output	kW/hp	195 / 265	
at	rpm	4000	
Torque	Nm	620	
at	rpm	2000 – 2500	
Electrical System			
Battery/Installation	Ah/–	90 / luggage comp.	
Driving Dynamics and Safety	•		
Suspension, front	A	luminium double track control arm axle with separate lower track arm level, small steering roll radius, traverse force compensation, anti-dive	
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double elastic bearing,	
Suspension, real	I	air suspension with automatic self-levelling	
Brakes, front		Four-piston fixed-calliper disc brakes / vented	
Brakes, rear		Single-piston floating-calliper disc brakes / vented	
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),	
Driving stability systems		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying	
		function, fading compensation, start-off assistant; optional: Adaptive	
		Suspension, Executive Drive	
Safety equipment	C.	Standard: airbags for driver and front passenger, side airbags for driver and	
5	front passenger, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at	
		the front seats, crash sensors, Tyre Pressure Indicator	
Steering		Electromechanical rack-and-pinion power steering (EPS)	
		with Servotronic function; optional: Integral Active Steering	
Steering ratio, overall	:1	16.3	
Tyres, front/rear	225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy	

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			BMW 630d Gran Turismo	
Transmissior	n			
Type of gearbo	-		8-speed Steptronic	
Gear ratios	- 	:1	5.000	
		:1	3.200	
		:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.563	
Performance				
Power-to-weig	ht ratio (DIN)	kg/kW	9.4	
Output per litre	Э	kW/I	65.2	
Acceleration	0–100 km/h	S	6.1	
Top speed		km/h	250	
BMW Efficier				
BMW Efficient	,	Brake Energy Regeneration with recuperation display, EPS (Electric Power		
standard featur	res	Steering), Auto Start Stop function, Optimum Shift Indicator,		
			ECO PRO mode with coasting function and Proactive Driving Assistant,	
			MW EfficientLightweight, optimised aerodynamic attributes, active air fla	
			ontrol, automatic rear spoiler, on-demand operation of ancillary units, map	
			controlled oil pump, differential with optimized-warm-up behaviour, tyres	
			with reduced rolling resistance, BMW Blue Performance technology	
			including SCR catalytic converter	
Fuel consum	ption EU cycle			
Urban		ltr/100 km	6.7 - 6.2	
Extra-urban		ltr/100 km	4.9 – 4.8	
Combined		ltr/100 km	FF F 2	

5.5 – 5.3 145 – 139

EU6d-TEMP

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

ltr/100 km

g/km

¹⁾ Height including roof aerial
²⁾ Oil change volume

Combined $\overline{CO_2}$

Emission rating

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 630d xDrive.

	BMW 630d xDrive Gran Turismo			
Body				
No. of doors/seats		4/5		
Length/width/height ¹⁾ (unladen)	mm	5091 / 1902 / 1540		
Wheelbase	mm	3070		
Track, front/rear	mm	1615 / 1647		
Ground clearance	mm	138		
Turning circle	m	12.5		
Tank capacity	approx. Itr	66		
Engine oil ²⁾	ltr	6.5		
Weight, unladen, to DIN/EU	kg	1880 / 1955		
Max. load to DIN	kg	680		
Max. permissible weight	kg	2580		
Max. axle load, front/rear	kg	1250 / 1445		
Max. trailer load,	kg			
braked (12%)/unbraked		2100 / 750		
Max. roof load/towbar download	kg	75 / 100		
Luggage comp. capacity	ltr	610 - 1800		
Air resistance	c _d x A	0.26 x 2.54		
Engine				
Config./No. of cyls./valves		in-line / 6 / 4		
Engine technology	BMW TwinPower Turbo technology: turbocharger with variable inlet			
		geometry, common rail direct fuel injection with piezo injectors		
		(max. injection pressure: 2500 bar)		
Effective capacity	cm ³	2993		
Stroke/bore	mm	90.0 / 84.0		
Compression ratio	:1	16.5		
Fuel		Diesel		
Output	kW/hp	195 / 265		
at	rpm	4000		
Torque	Nm	620		
at	rpm	2000 – 2500		
Electrical System				
Battery/Installation	Ah/–	90 / luggage comp.		
Batterymistaliation	7311/			
Driving Dynamics and Safety				
Suspension, front	A	luminium double track control arm axle with separate lower track arm level,		
		small steering roll radius, traverse force compensation, anti-dive		
Suspension, rear	Five-link axle in aluminium lightweight construction, double elastic bearing,			
	air suspension with automatic self-levelling			
Brakes, front		Four-piston fixed-calliper disc brakes / vented		
Brakes, rear	Single-piston floating-calliper disc brakes / vented			
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),		
		CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying		
	fu	inction, fading compensation, start-off assistant, networked with xDrive all-		
		wheel-drive system; optional: Adaptive Suspension, Executive Drive		
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and			
		front passenger, head airbags for front and rear seats, three-point inertia-		
		reel seatbelts on all seats with belt latch tensioner and belt force limiter at		
Ctaoring		the front seats, crash sensors, Tyre Pressure Indicator		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
Staaring ratio averall	.1	with Servotronic function; optional: Integral Active Steering		
Steering ratio, overall	:1	16.3 225/CO D17 00V		
Tyres, front/rear		225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy		

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			BMW 630d xDrive Gran Turismo	
Transmission				
Type of gearbox	x		8-speed Steptronic	
Gear ratios		:1	5.000	
		:1	3.200	
		:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.563	
Performance				
Power-to-weigh	nt ratio (DIN)	kg/kW	9.6	
		kW/I	65.2	
Acceleration	0–100 km/h	S	6.0	
Top speed		km/h	250	
BMW Efficient	tDynamics			
BMW EfficientD)ynamics	Brake Energy Regeneration with recuperation display, EPS (Electric Power		
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator, ECO PRO mode with coasting function and Proactive Driving Assistant, BMW EfficientLightweight, optimised aerodynamic attributes, active air flag		
			control, automatic rear spoiler, on-demand operation of ancillary units, map controlled oil pump, differential and power divider with optimized-warm-up	

behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology including SCR catalytic converter

Fuel consumption EU cycle				
Urban	ltr/100 km	7.3 – 6.9		
Extra-urban	ltr/100 km	5.1 – 4.9		
Combined	ltr/100 km	5.9 – 5.6		
CO ₂	g/km	155 – 141		
Emission rating		EU6d-TEMP		

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

¹⁾ Height including roof aerial
²⁾ Oil change volume

The values for fuel consumption, CO₂ emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.

BMW 6 Series Gran Turismo. 640d xDrive.

		BMW 640d xDrive Gran Turismo		
Body				
No. of doors/seats		4/5		
Length/width/height 1) (unladen)	mm	5091 / 1902 / 1540		
Wheelbase	mm	3070		
Track, front/rear	mm	1615 / 1647		
Ground clearance	mm	138		
Turning circle	m	12.5		
Tank capacity	approx. ltr	66		
Engine oil 2)	ltr	6.5		
Weight, unladen, to DIN/EU	kg	1935 / 2010		
Max. load to DIN	kg	680		
Max. permissible weight	kg	2615		
Max. axle load, front/rear	kg	1270 / 1460		
Max. trailer load,	kg			
braked (12%)/unbraked		2100/750		
Max. roof load/towbar download	kg	75 / 100		
Luggage comp. capacity	ltr	610 - 1800		
Air resistance	Cd X A	0.27 x 2.54		
	Gaxit			
Engine				
Config./No. of cyls./valves		in-line / 6 / 4		
Engine technology		BMW TwinPower Turbo technology: multi-stage charging,		
Engine teermology	1	high and low pressure turbocharger with variable inlet geometry, common		
	rail direct fuel injection with piezo injectors			
		(max. injection pressure: 2500 bar)		
Effective capacity	cm ³	2993		
Stroke/bore	mm	90.0 / 84.0		
Compression ratio	:1	16.5		
Fuel	. 1	Diesel		
Output	kW/hp	235 / 320		
at	rpm	4400		
Torque	Nm	680		
at	rpm	1750 – 2250		
Electrical System				
Battery/Installation	Ah/–	90 / luggage comp.		
Datterymistaliation	AII/-	Ju ruggage comp.		
Driving Dynamics and Safety				
Suspension, front	A	Juminium double track control arm axle with separate lower track arm level,		
		small steering roll radius, traverse force compensation, anti-dive		
Suspension, rear	F	Five-link axle in aluminium lightweight construction, double elastic bearing,		
		air suspension with automatic self-levelling		
Brakes, front	Four-piston fixed-calliper disc brakes / vented			
Brakes, rear	Single-piston floating-calliper disc brakes / vented			
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control),		
Driving stability systems	CBC Cornering Brake Control, DBC Dynamic Brake Control, brake drying			
	function, fading compensation, start-off assistant, networked with xDrive all-			
	wheel-drive system; optional: Adaptive Suspension, Executive Drive			
Safety equipment	C	Standard: airbags for driver and front passenger, side airbags for driver and		
ouldry equipment	front passenger, head airbags for front and rear seats, three-point inertia-			
	reel seatbelts on all seats with belt latch tensioner and belt force limiter at			
		the front seats, crash sensors, Tyre Pressure Indicator		
Steering		Electromechanical rack-and-pinion power steering (EPS)		
oleening .		with Servotronic function; optional: Integral Active Steering		
Steering ratio overall	:1	16.3		
Steering ratio, overall	. I			
Tyres, front/rear		225/60 R17 99Y		
Rims, front/rear		7.5J x 17 light-alloy		

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			BMW 640d xDrive Gran Turismo	
Transmission				
Type of gearbox			8-speed Steptronic	
Gear ratios	I	:1	5.000	
		:1	3.200	
	III	:1	2.143	
	IV	:1	1.720	
	V	:1	1.313	
	VI	:1	1.000	
	VII	:1	0.823	
	VIII	:1	0.640	
	R	:1	3.478	
Final drive		:1	2.563	
Performance				
Power-to-weight rati	o (DIN)	kg/kW	8.2	
Output per litre k ¹		kW/l	78.5	
Acceleration 0–100 km/h		S	5.3	
Top speed		km/h	250	
BMW EfficientDyn	amics			
BMW EfficientDynar	nics	B	rake Energy Regeneration with recuperation display, EPS (Electric Powe	
standard features		Steering), Auto Start Stop function, Optimum Shift Indicator,		
		I	ECO PRO mode with coasting function and Proactive Driving Assistant,	
		BI	WW EfficientLightweight, optimised aerodynamic attributes, active air fla	
			ntrol, automatic rear spoiler, on-demand operation of ancillary units, map	
		CO	ontrolled oil pump, differential and power divider with optimized-warm-up	

behaviour, tyres with reduced rolling resistance,

BMW Blue Performance technology including SCR catalytic converter

Fuel consumption EU cycle				
Urban	ltr/100 km	7.3 – 7.1		
Extra-urban	ltr/100 km	5.5 – 5.3		
Combined	ltr/100 km	6.2 – 5.9		
CO ₂	g/km	162 – 157		
Emission rating		EU6d-TEMP		

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

¹⁾ Height including roof aerial
²⁾ Oil change volume

The values for fuel consumption, CO_2 emission and energy consumption shown were determined in the standardized test cycle according to the European Regulation (EC) 715/2007 in the version applicable at the time of type approval. The figures refer to a vehicle with basic configuration in Germany and the range shown considers optional equipment and the different size of wheels and tires available on the selected model and may vary during the configuration.