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Technical specifications. The new BMW 5 Series Sedan. 520i.



		BMW 520i Sedan
Body		A15
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	144
Turning circle	m	12.0
	rox. l	68
Engine oil 2)		5.25
Weight, unladen, to DIN/EU	kg	1610 / 1685
Max load to DIN	kg	675
Max permissible weight	kg	2285
Max axle load, front/rear	kg	1080 / 1280
Max trailer load,		0000 / 750
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100/90
Luggage comp capacity		530
Air resistance c	d x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
Liigiile teciliology		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel	.!	Min. RON 91
	N/hp	135 / 184
at KV	rpm	5000 - 6500
Max torque	Nm	290
at		1350 – 4250
48V mild hybrid technology	rpm	1330 - 4230
	N/hp	8/11
	· • · · · · · · · · · ·	<u> </u>
Electrical System		
-	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	5	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant;
		optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
0		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Oleve de la contra del la contra de la contra del la contra de la contra de la contra de la contra de la contra del la contra de la contra del la contra de la contra del la contra de la contra del la cont		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

Power-to-weight ratio (DIN) kg/kW 11.9 Output per litre kW/l 67.6 Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO2 g/km 125 – 120			BMW 520i Sedan
Type of transmission			
Sear ratios			Fight are ad Otantania transmission
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III			*:=**
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VII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929		•	
Vili :1 0.640 R :1 3.712 Final drive :1 2.929			
R :1 3.712 Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 11.9 Output per litre kW/l 67.6 Acceleration 0-100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Wild hybrid technology with 48V starter-generator, Brake Energy Regeneratic, with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V100 km 6.8 – 6.5 Extra-urban V100 km 4.7 – 4.6 Combined V100 km 5.5 – 5.3 CO2 g/km 125 – 120			*****
Performance Power-to-weight ratio (DIN) kg/kW 11.9 Output per litre kW/l 67.6 Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Wild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban //100 km 6.8 – 6.5 Extra-urban //100 km 4.7 – 4.6 Combined //100 km 5.5 – 5.3 CO2 g/km 125 – 120			
Performance Power-to-weight ratio (DIN) kg/kW 11.9 Output per litre kW/l 67.6 Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO ₂ g/km 125 – 120			
Power-to-weight ratio (DIN) kg/kW 11.9 Output per litre kW/l 67.6 Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO2 g/km 125 – 120	Final drive	:1	2.929
Output per litre kW/l 67.6 Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO ₂ g/km 125 – 120	Performance		
Acceleration 0–100 km/h s 7.9 Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.5 Extra-urban 1/100 km 4.7 – 4.6 Combined 1/100 km 5.5 – 5.3 CO2 g/km 125 – 120	Power-to-weight ratio (DIN)	kg/kW	11.9
Top speed km/h 235 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.5 Extra-urban 1/100 km 4.7 – 4.6 Combined 1/100 km 5.5 – 5.3 CO2 g/km 125 – 120	Output per litre	kW/l	67.6
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban //100 km 6.8 – 6.5 Extra-urban //100 km 4.7 – 4.6 Combined //100 km 5.5 – 5.3 CO2 g/km 125 – 120	Acceleration 0–100 km/	'n s	7.9
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratic with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.5 Extra-urban 1/100 km 4.7 – 4.6 Combined 1/100 km 5.5 – 5.3 CO2 g/km 125 – 120	Top speed	km/h	235
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratic with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.5 Extra-urban 1/100 km 4.7 – 4.6 Combined 1/100 km 5.5 – 5.3 CO2 g/km 125 – 120	BMW EfficientDynamics		
standard features with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.5 Extra-urban 1/100 km 4.7 – 4.6 Combined 1/100 km 5.5 – 5.3 CO2 g/km 125 – 120			Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE	standard features		, , , , , , , , , , , , , , , , , , , ,
Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE			1 1 27 1 7
aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban /100 km 6.8 – 6.5 Extra-urban /100 km 4.7 – 4.6 Combined /100 km 5.5 – 5.3 CO2 g/km 125 – 120			
warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO2 g/km 125 – 120			
Fuel Consumption ECE Urban I/100 km 6.8 – 6.5 Extra-urban I/100 km 4.7 – 4.6 Combined I/100 km 5.5 – 5.3 CO ₂ g/km 125 – 120			of ancillary units, map-regulated oil pump, differential with optimised
Urban I/100 km 6.8 - 6.5 Extra-urban I/100 km 4.7 - 4.6 Combined I/100 km 5.5 - 5.3 CO ₂ g/km 125 - 120			warm-up behaviour, tyres with reduced rolling resistance
Urban I/100 km 6.8 - 6.5 Extra-urban I/100 km 4.7 - 4.6 Combined I/100 km 5.5 - 5.3 CO ₂ g/km 125 - 120	Fuel Consumption ECE		
Extra-urban I/100 km 4.7 - 4.6 Combined I/100 km 5.5 - 5.3 CO ₂ g/km 125 - 120	Urban	l/100 km	6.8 – 6.5
Combined I/100 km 5.5 – 5.3 CO ₂ g/km 125 – 120	Extra-urban		
CO ₂ g/km 125 – 120			
<u> </u>	<u> </u>		
	Emission rating	9/1111	Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530i.

		BMW 530i Sedan
No of deers/seets		AIE
No of doors/seats Length/width/height 1) (unladen)	100 100	4/5 4963 / 1868 / 1479
Wheelbase	mm mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	144
Turning circle	m	12.0
	orox. I	68
Engine oil 2)	JI OX. I	5,25
Weight, unladen, to DIN/EU	kg	1625 / 1700
Max load to DIN	kg	680
Max permissible weight	kg	2305
Max axle load, front/rear	kg	1090 / 1300
Max trailer load,	ng.	10307 1000
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
Luggage comp capacity		530
	Cd x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
0 0		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	СС	1998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		Min. RON 91
	:W/hp	185 / 252
at	rpm	5200 - 6500
Max torque	Nm	350
at	rpm	1450 – 4800
48V mild hybrid technology		
	:W/hp	8/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front	[Double-wishbone axle in aluminium construction with separate lower track arm
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	(Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant;
-		optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
Chardina		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Character making and a life		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

Transmission			BMW 530i Sedan
Type of transmission	T		
Sear ratios			Fight chood Stantranic transmission
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III			
N			*****
V			
VI 1 1.000			=4
VII :1 0.822			
Vili :1 0.640 R :1 3.712 Final drive :1 2.813 Performance Power-to-weight ratio (DIN) kg/kW 8.8 Output per litre kW/l 92.6 Acceleration 0-100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Samuel of the standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance			
R :1 3.712 Final drive :1 2.813 Performance Power-to-weight ratio (DIN) kg/kW 8.8 Output per litre kW/l 92.6 Acceleration 0-100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban //100 km 6.8 – 6.6 Extra-urban //100 km 4.8 – 4.5 Combined //100 km 5.5 – 5.3 CO2 g/km 126 – 121	·		***==
Performance Power-to-weight ratio (DIN) kg/kW 8.8 Output per litre kW/l 92.6 Acceleration 0–100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.6 Extra-urban I/100 km 4.8 – 4.5 Combined I/100 km 5.5 – 5.3 CO2 g/km 126 – 121			*****
Performance Power-to-weight ratio (DIN) kg/kW 8.8 Output per litre kW/l 92.6 Acceleration 0–100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V/100 km 6.8 – 6.6 Extra-urban V/100 km 4.8 – 4.5 Combined V/100 km 5.5 – 5.3 CO2 g/km 126 – 121			
Power-to-weight ratio (DIN) kg/kW 8.8 Output per litre kW/l 92.6 Acceleration 0–100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Diriving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V/100 km 6.8 – 6.6 Extra-urban V/100 km 4.8 – 4.5 Combined V/100 km 5.5 – 5.3 CO2 g/km 126 – 121	Final drive	:1	2.813
Output per litre kW/l 92.6 Acceleration 0-100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Diriving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban l/100 km 6.8 - 6.6 Extra-urban l/100 km 4.8 - 4.5 Combined l/100 km 5.5 - 5.3 CO2 g/km 126 - 121	Performance		
Acceleration 0–100 km/h s 6.4 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Diriving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban 1/100 km 6.8 – 6.6 Extra-urban 1/100 km 4.8 – 4.5 Combined 1/100 km 5.5 – 5.3 CO2 g/km 126 – 121	Power-to-weight ratio (DIN)	kg/kW	8.8
BMW EfficientDynamics	Output per litre	kW/l	92.6
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratior with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban /100 km 6.8 – 6.6 Extra-urban /100 km 4.8 – 4.5 Combined /100 km 5.5 – 5.3 CO2 g/km 126 – 121	Acceleration 0–100 km/h	n s	6.4
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban /100 km 6.8 – 6.6 Extra-urban /100 km 4.8 – 4.5 Combined /100 km 5.5 – 5.3 CO2 g/km 126 – 121	Top speed	km/h	250
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban /100 km 6.8 – 6.6 Extra-urban /100 km 4.8 – 4.5 Combined /100 km 5.5 – 5.3 CO2 g/km 126 – 121	BMW EfficientDynamics		
standard features with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Video V		N	Aild hybrid technology with 48V starter-generator. Brake Energy Regeneration
mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE			
aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban /100 km 6.8 - 6.6 Extra-urban /100 km 4.8 - 4.5 Combined /100 km 5.5 - 5.3 CO2 g/km 126 - 121			1 27 1 7
of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 – 6.6 Extra-urban I/100 km 4.8 – 4.5 Combined I/100 km 5.5 – 5.3 CO2 g/km 126 – 121			Indicator, Electric Power Steering, BMW EfficientLightweight, optimised
warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 6.8 − 6.6 Extra-urban I/100 km 4.8 − 4.5 Combined I/100 km 5.5 − 5.3 CO₂ g/km 126 − 121			aerodynamic attributes, active air flap control, on-demand operation
Fuel Consumption ECE Urban 1/100 km 6.8 - 6.6 Extra-urban 1/100 km 4.8 - 4.5 Combined 1/100 km 5.5 - 5.3 CO2 g/km 126 - 121			of ancillary units, map-regulated oil pump, differential with optimised
Urban V/100 km 6.8 - 6.6 Extra-urban V/100 km 4.8 - 4.5 Combined V/100 km 5.5 - 5.3 CO ₂ g/km 126 - 121			warm-up behaviour, tyres with reduced rolling resistance
Urban V/100 km 6.8 - 6.6 Extra-urban V/100 km 4.8 - 4.5 Combined V/100 km 5.5 - 5.3 CO ₂ g/km 126 - 121	Fuel Consumption ECE		
Extra-urban l/100 km 4.8 - 4.5 Combined l/100 km 5.5 - 5.3 CO ₂ g/km 126 - 121		l/100 km	6.8 - 6.6
Combined I/100 km 5.5 – 5.3 CO2 g/km 126 – 121			
CO ₂ g/km 126 – 121			
9000			
	Emission rating	gaan	Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530i xDrive.

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		DMW 520; vDviva Cadan
		BMW 530i xDrive Sedan
Body		
No of doors/seats		4/5
	mm	4963 / 1868 / 1479
14.0	mm	2975
	mm	1605 / 1630
		139
Turning circle	mm m	12.4
	m	68
Fuel tank capacity appro		
Engine oil 2)	1	5.25
Weight, unladen, to DIN/EU	kg	1680 / 1755
Max load to DIN	kg	680
Max permissible weight	kg	2360
Max axle load, front/rear	kg	1140 / 1310
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
Luggage comp capacity	- 1	530
Air resistance c _d	хА	0.24 x 2.35
Power Unit		
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	CC	1998
Stroke/bore r	mm	94.6 / 82.0
Compression ratio	:1	10.2
Fuel		Min. RON 91
Max output kW	//hp	185 / 252
	rpm	5200 - 6500
	Nm	350
	rpm	1450 – 4800
48V mild hybrid technology	рт	1100 1000
	//hp	8/11
Max output No.	۵,,,,	
Electrical System		
	\h/-	90 / luggage compartment
	\h/-	11 / engine compartment
. Satterymistaliation .		TTT ONGLIG COMPARATION
Driving Dynamics and Safety		
Suspension, front	Г	Double-wishbone axle in aluminium construction with separate lower track arm,
Supplied in the	-	small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
D 1		
Driving stability systems		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
	ı	with DSC; optional: Adaptive suspension, Adaptive Drive
Cofety equipment		
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
Ctaoring		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Ctaoring ratio over-II	.1	optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

			BMW 530i xDrive Sedan
			DIMIN 3001 XDIIVE GEGAII
Transmission			
Type of transmis	ssion		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	: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	2.813
Performance			
Power-to-weight	t ratio (DIN)	kg/kW	9.1
Output per litre		kW/l	92.6
Acceleration	0-100 km/h	S	6.3
Top speed		km/h	250
BMW Efficient			
BMW EfficientDy	•		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard feature	S		with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift
			Indicator, Electric Power Steering, BMW EfficientLightweight, optimised
			aerodynamic attributes, active air flap control, on-demand operation
			of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive,
			differential with optimised warm-up behaviour,
			tyres with reduced rolling resistance
Fuel Consump	tion ECE		
Urban		I/100 km	7.6 – 7.4
Extra-urban		I/100 km	5.2 – 5.0
Combined		l/100 km	6.1 – 5.9
CO ₂		g/km	140 – 135
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 540i.

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		BMW 540i Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	144
Turning circle	m	12.0
	prox. I	68
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	1685 / 1760
Max load to DIN	kg	710
Max permissible weight	kg	2395
Max axle load, front/rear	kg	1155 / 1320
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
Luggage comp capacity	Ī	530
	C _d x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
3		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
	kW/hp	245 / 333
at	rpm	5500 - 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology		
	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Dalaina Damania and Cafeta		
Driving Dynamics and Safety Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm
ouspension, none		Double-wishbone axie in aluminium construction with separate lower track arm small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	,	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant;
Cofety aguinment		optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, based airbags front and room three point inactions and are three point inactions and are three points inactions are three points in a secondary thr
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
Ctaorina		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
Ctaoring ratio over-II	.1	optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

		BMW 540i Sedan
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios	I :1	5.250
	II :1	3.360
	III :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	2.929
Performance		
Power-to-weight ratio (DIN)	kg/kW	6.9
Output per litre	kW/l	81.7
Acceleration 0-100 km	/h s	5.2
Top speed	km/h	250
BMW EfficientDynamics		
BMW EfficientDynamics		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features		with recuperation display, Auto Start Stop function, ECO PRO and COMFORT
		mode with coasting function, Proactive Driving Assistant, Optimum Shift
		Indicator, Electric Power Steering, BMW EfficientLightweight, optimised
		aerodynamic attributes, active air flap control, on-demand operation
		of ancillary units, map-regulated oil pump, differential with optimised
		warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Urban	l/100 km	8.5 – 8.3
Extra-urban	1/100 km	5.4 – 5.2
Combined	1/100 km	6.5 – 6.3
CO ₂	g/km	150 – 145
Emission rating	g/KIII	Euro 6d
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¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 540i xDrive.

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		BMW 540i xDrive Sedan
		DINIV 0401 XDTIVE OCCUR
Body		
No of doors/seats		4/5
Length/width/height 1) (unlader	n) mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	139
Turning circle	m	12.4
Fuel tank capacity	approx. I	68
Engine oil 2)	I	6.5
Weight, unladen, to DIN/EU	kg	1745 / 1820
Max load to DIN	kg	710
Max permissible weight	kg	2455
Max axle load, front/rear	kg	1200 / 1330
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar down	nload kg	100 / 90
Luggage comp capacity	Ī	530
Air resistance	c _d x A	0.24 x 2.35
Power Unit		
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	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		Min. RON 91
Max output	kW/hp	245 / 333
at	rpm	5500 – 6250
Max torque	Nm	450
at	rpm	1600 – 4800
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
Electrical System 12V battery/installation	Ah/-	00 / luggagg compartment
	Ah/-	90 / luggage compartment
48V battery/installation	An-	11 / engine compartment
Driving Dynamics and Safe	ty	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
3 , ,		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	F	-ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC;
		optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
J		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
,		

mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation				BMW 540i xDrive Sedan
Type of transmission				
Sear ratios				<u> </u>
III	Gear ratios	<u> </u>		
V :1 1.720				0.000
V 1 1.316 1.000 VII 1 1.000 VII 1 1 0.822 VIII 1 0.640 R 1 3.712 Final drive 1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 7.1 Output per litre kW/I 81.7 Acceleration 0–100 km/h s 4.9 Top speed km/h 250 Sample of the standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFOR' mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour, tyres with reduced rolling resistance				=:::=
VI 1 1 1.000 VII 1 1 0.822 VIII 1 0.640 R 1 3.712 Final drive 1 2.929				
VII :1 0.822 VIII :1 0.640 R :1 3.712 Final drive :1 2.929				
VIII :1 0.640 R :1 3.712				
R :1 3.712 Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 7.1 Output per litre kW/l 81.7 Acceleration 0-100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio with recuperation display, Auto Start Stop function, ECO PRO and COMFOR' mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban // 100 km 8.8 – 8.7 Extra-urban // 100 km 5.7 – 5.5 Combined // 100 km 6.8 – 6.7 CO2 g/km 156 – 153				
Final drive :1 2.929 Performance Power-to-weight ratio (DIN) kg/kW 7.1 Output per litre kW/l 81.7 Acceleration 0–100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio with recuperation display, Auto Start Stop function, ECO PRO and COMFOR' mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V100 km 8.8 – 8.7 Extra-urban V100 km 5.7 – 5.5 Combined V100 km 6.8 – 6.7 CO2 g/km 156 – 153				
Performance Power-to-weight ratio (DIN) kg/kW 7.1 Output per litre kW/l 81.7 Acceleration 0–100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneratio with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel driver differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban I/100 km 8.8 – 8.7 Extra-urban I/100 km 5.7 – 5.5 Combined I/100 km 6.8 – 6.7 CO2 g/km 156 – 153		R		<u> </u>
Power-to-weight ratio (DIN) kg/kW 7.1 Output per litre kW/l 81.7 Acceleration 0–100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V100 km 8.8 – 8.7 Extra-urban V100 km 5.7 – 5.5 Combined V100 km 6.8 – 6.7 CO2 g/km 156 – 153	Final drive		:1	2.929
Output per litre kW/l 81.7 Acceleration 0–100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V100 km 8.8 – 8.7 Extra-urban V100 km 5.7 – 5.5 Combined V100 km 6.8 – 6.7 CO2 g/km 156 – 153	Performance			
Acceleration 0–100 km/h s 4.9 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban V100 km 8.8 – 8.7 Extra-urban V100 km 5.7 – 5.5 Combined V100 km 6.8 – 6.7 CO2 g/km 156 – 153	Power-to-weigh	t ratio (DIN)	kg/kW	7.1
Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban	Output per litre		kW/l	81.7
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban Urban	Acceleration	0-100 km/h	S	4.9
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban	Top speed		km/h	250
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drived differential with optimised warm-up behaviour, tyres with reduced rolling resistance Fuel Consumption ECE Urban	BMW Efficient	Dynamics		
standard features with recuperation display, Auto Start Stop function, ECO PRO and COMFOR mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour, tyres with reduced rolling resistance Viban Vibookm 8.8 - 8.7				Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
Urban V/100 km 8.8 - 8.7 Extra-urban V/100 km 5.7 - 5.5 Combined V/100 km 6.8 - 6.7 CO ₂ g/km 156 - 153		,		with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive differential with optimised warm-up behaviour,
Urban V/100 km 8.8 - 8.7 Extra-urban V/100 km 5.7 - 5.5 Combined V/100 km 6.8 - 6.7 CO ₂ g/km 156 - 153	Fred Consumer	tion FCF		
Extra-urban I/100 km 5.7 – 5.5 Combined I/100 km 6.8 – 6.7 CO ₂ g/km 156 – 153		JUION EUE	1/100 km	00 07
Combined I/100 km 6.8 - 6.7 CO2 g/km 156 - 153				
CO ₂ g/km 156 – 153				
<u> </u>				919 911
			g/km	

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. M550i xDrive.

		BMW M550i xDrive Sedan
5		
Body		A 1 5
No of doors/seats	100 100	4/5
Length/width/height 1) (unladen) Wheelbase	mm	4972 / 1868 / 1467 2975
	mm	
Track, front/rear	mm	1600 / 1597 131
Ground clearance	mm	12.4
Turning circle	m	
Fuel tank capacity ap Engine oil 2)	prox. l	68 10.5
_ •		1915 / 1990
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	645
Max permissible weight	kg	2560
Max axle load, front/rear	kg	1260 / 1365
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
Luggage comp capacity	- 1	530
Air resistance	c _d x A	0.28 x 2.35
Power Unit		
Config/No of cyls/valves		V/8/4
Engine technology		BMW TwinPower Turbo technology: twin-scroll turbocharger, High Precision
Engine teermology		Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable
		camshaft timing
Effective capacity	СС	4395
Stroke/bore	mm	88.3 / 89.0
Compression ratio	:1	10.5
Fuel		Min. RON 91
	(W/hp	390 / 530
at r	rpm	5500 – 6000
Max torque	Nm	750
at		1800 – 4600
at	rpm	1000 - 4000
Electrical System		
Battery/installation	Ah/-	90 / luggage compartment
Driving Dynamics and Safety		Double wickbane outs in all mainium construction with construct lawer treaty arm
Suspension, front	l	Double-wishbone axle in aluminium construction with separate lower track arm,
Cuppancian roor		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
Driving stability systems		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC,
		Adaptive M suspension; optional: Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
Salety equipment		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		245/40 R19 98Y XL /
		275/35 R19 100Y XL
Rims, front/rear		8J x 19 light-alloy /
		9J x 19 light-alloy

			BMW M550i xDrive Sedan
Transmission			
Type of transmis	sion		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.500
	ll ll	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.813
Performance			
Power-to-weight	ratio (DIN)	kg/kW	4.9
Output per litre		kW/l	88.7
Acceleration	0-100 km/h	S	3.8
Top speed		km/h	250
BMW Efficient	Dynamics		
BMW EfficientDy		Е	Brake Energy Regeneration with recuperation display, Auto Start Stop function,
standard features			ECO PRO and COMFORT mode with coasting function, Proactive Driving
			Assistant, Optimum Shift Indicator, Electric Power Steering,
			BMW EfficientLightweight, optimised aerodynamic attributes, active air flap
			control, on-demand operation of ancillary units, map-regulated oil pump,
			efficiency-optimised all-wheel drive, differential with optimised warm-up
			behaviour, tyres with reduced rolling resistance
Fuel Consumpt	tion ECE		
Urban		l/100 km	14.2 – 13.7
Extra-urban		l/100 km	8.6 – 8.5
Combined		I/100 km	10.7 – 10.4
CO ₂		g/km	243 – 238
Emission rating			Euro 6d

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530e.

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		BMW 530e Sedan
5.1		
Body No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1483
Vheelbase		2975
	mm	
Frack, front/rear	mm	1604 / 1631
Ground clearance	mm	150
Furning circle	m	12.0
uel tank capacity	approx. I	46
Engine oil 2)		5.25
Veight, unladen, to DIN/EU	kg	1835 / 1910
Max load to DIN	kg	670
Max permissible weight	kg	2505
Max axle load, front/rear	kg	1120 / 1450
Max trailer load,		
oraked (12%)/unbraked	kg	1700 / 750
Max roofload/max towbar download	kg	100 / 80
uggage comp capacity	<u> </u>	410
Air resistance	c _d x A	0.23 x 2.35
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or both transmitted to the rear wheels
Max system output	kW/hp	215 / 292
Max system torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.5
Datual Engine		
Petrol Engine Config/No of cyls/valves		In-line / 4 / 4
Engine technology	RI.	אוווווווווווווווווווווווווווווווווווו
Ingine technology		cision Injection, VALVETRONIC fully variable valve timing, Double
	FIE	VANOS variable camshaft timing
Effective capacity		1998
Stroke/bore	CC	94.6 / 82.0
	mm	
Compression ratio	:1	11.0
Fuel	1344	min. RON 91
Max output	kW/hp	135 / 184
at	rpm	5000 – 6500
Max torque	Nm	300
at	rpm	1350 – 4000
Output per litre	kW/l	67.6
Electric Motor		
Motor technology	BN	/IW eDrive technology: synchronous electric motor integrated int
		eight-speed Steptronic transmission, generator function for
		recuperating energy for the high-voltage battery
Max output	kW/hp	80 / 109
ıt .	rpm	3140
Max torque	Nm	265
et .	rpm	100 – 2500
High-voltage Battery		
Storage technology/installation		Lithium-ion / underneath rear seats
/oltage	V	354
Energy capacity (gross)	kWh	12.0
	L/AA11	3.6 h at 3.7 kW (16 A / 230 V)
Charging time for 100% charge		

		BMW 530e Sedan		
Duisiaa Damaniaa and Cafata				
Driving Dynamics and Safety Suspension, front	Double-wishbone	axle in aluminium construction with separate lower track arm,		
Suspension, none		ig roll radius, transverse force compensation, anti-dive		
Suspension, rear	SITIALI SCOCIII	Five-link axle in aluminium construction		
Brakes, front	\	/ented disc brakes, with four-piston fixed callipers		
Brakes, rear		nted disc brakes, with single-piston floating callipers		
Driving stability systems		incl. ABS, ASC and DTC (Dynamic Traction Control), CBC		
Driving stability systems		Control), DBC (Dynamic Brake Control), Dry Braking function		
		ensation, Start-Off Assistant; optional: Adaptive suspension		
Safety equipment		for driver and front passenger, side airbags for driver and fron		
Salety equipment		airbags front and rear, three-point inertia-reel seatbelts on all		
		opper, belt tensioner and belt force limiter at the front, crash-		
		t head restraints, crash sensors, tyre pressure indicator		
Steering	active from	Electric Power Steering (EPS)		
Steering		th Servotronic function; optional: Integral Active Steering		
Ctaoring ratio averall	:1	17.0		
Steering ratio, overall				
Tyres, front/rear		225/55 R17 101Y XL		
Rims, front/rear		7.5J x 17 light-alloy		
Transmission				
Type of transmission		Eight-speed Steptronic transmission		
Gear ratios I	:1	4.714		
ll l	: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		
Final drive	:1	3.231		
Performance				
Acceleration 0–100 km/h	S	5.9		
Top speed	km/h	235		
Top speed (electric)	km/h	140		
Electric range (WLTP)	km	54 – 61		
BMW EfficientDynamics				
BMW EfficientDynamics standard	BMW eDr	ive technology, Electric Power Steering, hybrid-specific Auto		
features		function, Optimum Shift Indicator, ECO PRO and COMFOR		
	mode with coasting function, Proactive Driving Assistant,			
		cientLightweight, optimised aerodynamic attributes, active air		
		ol, on-demand operation of ancillary units, map-regulated oil		
	pump, electric a/c compressor, differential with optimised warm-up			
	behaviour, tyres with reduced rolling resistance			
		. ,		
Fuel Consumption ECE	1/100 l	10 17		
Fuel consumption combined	I/100 km	1.9 – 1.7		
CO ₂ emissions from fuel	g/km	43 – 39		
Electric power consumption				
combined	kWh/100 km	14.9 – 13.8		
Emission rating		Euro 6d		

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530e xDrive.

		BMW 530e xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1483
Wheelbase	mm	2975
Track, front/rear	mm	1604 / 1631
Ground clearance	mm	146
Turning circle	m	12.4
Fuel tank capacity	approx. I	46
Engine oil 2)	[5.25
Weight, unladen, to DIN/EU	kg	1895 / 1970
Max load to DIN	kg	665
Max permissible weight	kg	2560
Max axle load, front/rear	kg	1170 / 1455
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 80
Luggage comp capacity	Ī	410
Air resistance	c _d x A	0.24 x 2.35

Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or
		both transmitted to all four wheels via BMW xDrive
Max system output	kW/hp	215 / 292
Max system torque	Nm	420
System power-to-weight ratio (DIN)	kg/kW	8.8

Petrol Engine		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology	BMW Tv	winPower Turbo technology: TwinScroll turbocharger, Hig
	Precision	Injection, VALVETRONIC fully variable valve timing, Doub
		VANOS variable camshaft timing
Effective capacity	CC	1998
Stroke/bore	mm	94.6 / 82.0

Effective capacity	CC	1998	
Stroke/bore	mm	94.6 / 82.0	
Compression ratio	:1	11.0	
Fuel		min. RON 91	
Max output	kW/hp	135 / 184	
at	rpm	5000 – 6500	
Max torque	Nm	300	
at	rpm	1350 – 4000	
Output per litre	kW/l	67.6	

Electric Motor	
Motor technology	BMW eDrive technology: synchronous electric motor integrated into
	eight-speed Steptronic transmission, generator function for
	recuperating energy for the high-voltage battery

Max output	kW/hp	80 / 109	
at	rpm	3140	
Max torque	Nm	265	
at	rpm	100 – 2500	

High-voltage Battery		
Storage technology/installation		Lithium-ion / underneath rear seats
Voltage	V	354
Energy capacity (gross)	kWh	12.0
Charging time for 100% charge		3.6 h at 3.7 kW (16 A / 230 V)

		DIMUTES D. O. I
		BMW 530e xDrive Sedan
Driving Dynamics and Safety		
Suspension, front		e axle in aluminium construction with separate lower track arm, ring roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear	V	ented disc brakes, with single-piston floating callipers
Driving stability systems	Standard: DS (Cornering Brak	C incl. ABS, ASC and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Dry Braking function, isation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension
Safety equipment	passenger, hea seats with belt	is for driver and front passenger, side airbags for driver and front dairbags front and rear, three-point inertia-reel seatbelts on all stopper, belt tensioner and belt force limiter at the front, crashint head restraints, crash sensors, tyre pressure indicator
Steering	V	Electric Power Steering (EPS) vith Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	4.714
II	:1	3.143
	:1	2.106
IV	:1	1.667
	:1	1.285
VI	:1	1.000
VII	:1	0.839
VIII	:1	0.667
R	:1	3.317
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/h	S	5.9
Top speed	km/h	230
Top speed (electric)	km/h	140
Electric range (WLTP)	km	48 – 55
BMW EfficientDynamics		
BMW EfficientDynamics standard features	Start Sto m BMW Ef flap cor pump,	Drive technology, Electric Power Steering, hybrid-specific Auto p function, Optimum Shift Indicator, ECO PRO and COMFORT node with coasting function, Proactive Driving Assistant, ifficientLightweight, optimised aerodynamic attributes, active air ntrol, on-demand operation of ancillary units, map-regulated oil electric a/c compressor, efficiency-optimised all-wheel drive, al with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE		
Fuel consumption combined	l/100 km	2.1 – 2.0
CO ₂ emissions from fuel	g/km	49 – 46
Electric power consumption		
combined	kWh/100 km	16.5 – 15.9
Emission rating		Euro 6d

The fuel consumption, CO₂ emissions and electric power consumption figures were determined according to the European Regulation (EC) 715/2007 in the version applicable. The figures refer to a vehicle with basic configuration in Germany. The range shown considers the different sizes of the selected wheels/tyres and the selected items of optional equipment, and may vary during configuration.

The values are based on the new WLTP test cycle and are translated back into NEDC-equivalent values in order to ensure comparability between the vehicles. With respect to these vehicles, for vehicle-related taxes or other duties based (at least inter alia) on CO_2 emissions, the CO_2 values may differ from the values stated here (depending on national legislation).

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 5 Series Sedan. 545e xDrive.

		BMW 545e xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1483
Wheelbase	mm	2975
Track, front/rear	mm	1604 / 1631
Ground clearance	mm	146
Turning circle	m	12.4
Fuel tank capacity	approx. I	46
Engine oil 2)		6.5
Weight, unladen, to DIN/EU	kg	1945 / 2020
Max load to DIN	kg	660
Max permissible weight	kg	2605
Max axle load, front/rear	kg	1205 / 1455
Max trailer load.		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	ka	100 / 80
Luggage comp capacity	I	410
Air resistance	Cd X A	0.24 x 2.35
		<u> </u>
Power Unit		
Drive concept		Full-hybrid drive, drive torque from engine or electric motor or
		both transmitted to all four wheels via BMW xDrive
Max system output	kW/hp	290 / 394
Max system torque	Nm	60
System power-to-weight ratio (DIN)	kg/kW	6.7
Petrol Engine		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: TwinScroll turbocharger, High Precision Injection, VALVETRONIC fully variable valve timing, Double VANOS variable camshaft timing
Effective capacity	CC	2998
Stroke/bore	mm	94.6 / 82.0
Compression ratio	:1	11.0
Fuel		min. RON 91
Max output	kW/hp	210 / 286
at	rpm	5000 - 6000
Max torque	Nm	450
at	rpm	1600 – 3500
Output per litre	kW/l	70.1
output per intro		
Electric Motor		
Motor technology		BMW eDrive technology: synchronous electric motor integrated into eight-speed Steptronic transmission, generator function for recuperating energy for the high-voltage battery
Max output	kW/hp	80 / 109
at	rpm	3140
Max torque	Nm	265
at at	rpm	100 – 2500
uι	трпт	100 - 2000

kWh

Lithium-ion / underneath rear seats

354

12.0 3.6 h at 3.7 kW (16 A / 230 V)

High-voltage Battery Storage technology/installation

Energy capacity (gross)
Charging time for 100% charge

Voltage

		BMW 545e xDrive Sedan
Driving Dynamics and Safety		
Suspension, front		e axle in aluminium construction with separate lower track arm, ing roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium construction
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		ented disc brakes, with single-piston floating callipers
Driving stability systems	(Cornering Brak	C incl. ABS, ASC and DTC (Dynamic Traction Control), CBC e Control), DBC (Dynamic Brake Control), Dry Braking function, sation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension
Safety equipment	passenger, hea seats with belt	s for driver and front passenger, side airbags for driver and front d airbags front and rear, three-point inertia-reel seatbelts on all stopper, belt tensioner and belt force limiter at the front, crash- nt head restraints, crash sensors, tyre pressure indicator
Steering	V	Electric Power Steering (EPS) with Servotronic function; optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy
Transmission		
Type of transmission		Eight-speed Steptronic transmission
Gear ratios I	:1	4.714
	: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
Final drive	:1	3.231
Performance		
Acceleration 0–100 km/h	S	4.6
Top speed	km/h	250
Top speed (electric)	km/h	140
Electric range (WLTP)	km	49 – 57
BMW EfficientDynamics		
BMW EfficientDynamics standard features	Start Sto rr BMW Ef flap cor pump,	Orive technology, Electric Power Steering, hybrid-specific Auto of function, Optimum Shift Indicator, ECO PRO and COMFORT node with coasting function, Proactive Driving Assistant, ficientLightweight, optimised aerodynamic attributes, active air trol, on-demand operation of ancillary units, map-regulated oil electric a/c compressor, efficiency-optimised all-wheel drive, all with optimised warm-up behaviour, tyres with reduced rolling resistance
Fuel Consumption ECE	1/100 !	00.00
Fuel consumption combined	l/100 km	2.3 – 2.2
CO ₂ emissions from fuel	g/km	53 – 49
Electric power consumption combined	IAM/b/100 !	16.2 15.0
Emission rating	kWh/100 km	16.3 – 15.8 Euro 6d
LITHOSIUITALITY		Eui O Ou

¹⁾ Height including roof fin ²⁾ Oil change

The new BMW 5 Series Sedan. 520d.

		BMW 520d Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	144
Turning circle	m	12.0
Fuel tank capacity	approx. I	66
Engine oil 2)	арргох. г	5.5
Weight, unladen, to DIN/EU	kg	
Max load to DIN	kg	670
Max permissible weight	kg	2345
Max axle load, front/rear	kg	1100 / 1320
Max trailer load,	Ny	110071320
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downlo		100 / 90
Luggage comp capacity	au ng I	530
Air resistance	C _d x A	
All resistance	Cd X A	0.23 x 2.33
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology	'	
Max output	kW/hp	8/11
Flactuical Contains		
Electrical System	Ah/-	00 / luggagg comportment
12V battery/installation		90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety	,	
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	- ;	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant; optional: Dynamic Damper Control,
		Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		Electric Power Steering (EPS), optional: Integral Active Steering
Steering ratio, overall	:1	Electric Power Steering (EPS), optional: Integral Active Steering 17.0
	:1	Electric Power Steering (EPS), optional: Integral Active Steering

			BMW 520d Sedan
Transmission			
Type of transmissio	n		Eight-speed Steptronic transmission
Gear ratios		:1	5.250
	II	:1	3.360
	III	: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	2.929
Performance			
Power-to-weight rat	tio (DIN)	kg/kW	12.0
Output per litre		kW/l	70.2
Acceleration 0-	-100 km/h	S	7.2
Top speed		km/h	235
BMW EfficientDy	namics		
BMW EfficientDyna		N	lild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features			with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption	n ECE		
Urban		l/100 km	5.0 – 4.8
Extra-urban		1/100 km	3.9 – 3.7
		1/100 km	4.3 – 4.1
Combined			
Combined CO ₂		g/km	112 – 108

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 520d xDrive.

		BMW 520d xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	139
Turning circle	m	12.4
Fuel tank capacity	approx. I	66
Engine oil 2)	прртоліт	5.5
Weight, unladen, to DIN/EU	kg	1735 / 1810
Max load to DIN	kg	670
Max permissible weight	kg	2405
Max axle load, front/rear	kg	1150 / 1330
Max trailer load,	9	
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downlo		100 / 90
Luggage comp capacity	I	530
Air resistance	c _d x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 4 / 4
Engine technology	ļ	BMW TwinPower Turbo technology: multi-stage turbocharging, common-rail
T#1-11:it :		direct injection with solenoid injectors (max. injection pressure: 2500 bar)
Effective capacity	CC	1995
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	140 / 190
at	rpm	4000
Max torque	Nm	400
at	rpm	1750 – 2500
48V mild hybrid technology	1.3 \$ / //= -=	0.111
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/–	11 / engine compartment
Driving Dynamics and Safety	,	
Suspension, front	D	ouble-wishbone axle in aluminium construction with separate lower track arm,
Suspension, rear		small steering roll radius, transverse force compensation, anti-dive Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
		Vented disc brakes, with single-piston floating callipers
Brakes, rear Driving stability systems		
Driving Stability Systems		tandard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
	1	front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
5		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL

Rims, front/rear

7.5J x 17 light-alloy

			BMW 520d xDrive Sedan
Transmission			
Type of transmiss	sion		Eight-speed Steptronic transmission
Gear ratios	I	:1	5.250
	II	:1	3.360
	III	: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	2.929
Performance			
Power-to-weight	ratio (DIN)	kg/kW	12.4
Output per litre		kW/l	70.2
Acceleration	0-100 km/h	S	7.2
Top speed		km/h	232
BMW Efficient[Ovnamics		
BMW EfficientDy	•		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
standard features			with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumpt	tion ECE		
Urban		I/100 km	5.2 – 5.1
Extra-urban		I/100 km	4.1 – 3.9
Combined		I/100 km	4.5 – 4.3
CO ₂		g/km	118 – 114

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530d.

		BMW 530d Sedan
Body		
No of doors/seats		4/5
1	mm	4963 / 1868 / 1479
	mm	2975
	mm	1605 / 1630
	mm	144
Turning circle	m	12.0
Fuel tank capacity appro		66
Engine oil 2)	UA. 1	7.0
Weight, unladen, to DIN/EU	kg	1760 / 1835
Max load to DIN	kg	680
Max permissible weight	kg	2440
Max axle load, front/rear	kg	1200 / 1350
Max trailer load,	ĸy	12007 1330
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar download	kg	100 / 90
	- Ny 	530
Luggage comp capacity Air resistance cd		
All resistance Cd	хА	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure turbocharger with variable inlet geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	СС	2993
	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
	//hp	210 / 286
	rpm	4000
	Nm	650
	rpm	1500 – 2500
48V mild hybrid technology	рт	1000 2000
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//hp	8/11
Florida		
Electrical System	NI. /	00 //
	\h/-	90 / luggage compartment
48V battery/installation A	\h/-	11 / engine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	5	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
		Fading Compensation, Start-Off Assistant;
		optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	17.0
Tyres, front/rear		225/55 R17 101Y XL
Rims, front/rear		7.5J x 17 light-alloy

Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter				BMW 530d Sedan
Sear ratios	Transmission			
:1 3.520	Type of transmis	ssion		Eight-speed Steptronic transmission
III	Gear ratios	I	:1	5.500
N		II	:1	3.520
V :1 1.317 1.000 VI :1 1.0.640 R R :1 1.0.640 R R :1 1.0.640 VI VI VI VI VI VI VI V		III	:1	2.200
VI :1 1.000 VII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/I 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics Standard features With recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO2 g/km 123 – 118		IV	:1	1.720
VIII :1 0.823 VIII :1 0.640 R :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0-100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics SMW EfficientDynamics with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter		V	:1	1.317
Vill :1 0.640 R :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration standard features with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter		VI	:1	1.000
Final drive :1 3.993 Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban 1/100 km 5.9 – 5.8 Extra-urban 1/100 km 3.9 – 3.7 Combined 1/100 km 4.7 – 4.5 CO2 g/km 123 – 118		VII	:1	0.823
Final drive :1 2.471 Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban V100 km 5.9 – 5.8 Extra-urban V100 km 3.9 – 3.7 Combined V1100 km 4.7 – 4.5 CO2 g/km 123 – 118		VIII	:1	0.640
Performance Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO2 g/km 123 – 118		R	:1	3.993
Power-to-weight ratio (DIN) kg/kW 8.4 Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO2 g/km 123 – 118	Final drive		:1	2.471
Output per litre kW/l 70.2 Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO ₂ g/km 123 – 118	Performance			
Acceleration 0–100 km/h s 5.6 Top speed km/h 250 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban //100 km	Power-to-weigh	t ratio (DIN)	kg/kW	8.4
Top speed km/h 250	Output per litre		kW/l	70.2
BMW EfficientDynamics BMW EfficientDynamics Standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban 1/100 km 5.9 – 5.8 Extra-urban 1/100 km 3.9 – 3.7 Combined 1/100 km 4.7 – 4.5 CO2 g/km 123 – 118	Acceleration	0–100 km/h	S	5.6
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BIMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BIMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban /100 km 5.9 – 5.8 Extra-urban /100 km 3.9 – 3.7 Combined /100 km 4.7 – 4.5 CO2 g/km 123 – 118	Top speed		km/h	250
BMW EfficientDynamics standard features Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BIMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BIMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE Urban /100 km 5.9 – 5.8 Extra-urban /100 km 3.9 – 3.7 Combined /100 km 4.7 – 4.5 CO2 g/km 123 – 118	BMW Efficient	Dynamics		
standard features with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter Fuel Consumption ECE				Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration
Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO ₂ g/km 123 – 118		,		with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, differential with optimised warm-up behaviour, tyres with reduced rolling resistance,
Urban I/100 km 5.9 – 5.8 Extra-urban I/100 km 3.9 – 3.7 Combined I/100 km 4.7 – 4.5 CO ₂ g/km 123 – 118	Fuel Consump	tion ECE		
Extra-urban I/100 km 3.9 - 3.7 Combined I/100 km 4.7 - 4.5 CO ₂ g/km 123 - 118	Urban		l/100 km	5.9 - 5.8
Combined I/100 km 4.7 – 4.5 CO ₂ g/km 123 – 118	Extra-urban			
CO ₂ g/km 123 – 118				
<u> </u>				<u> </u>
	Emission rating			

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 530d xDrive.

		BMW 530d xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	139
Turning circle	m	12.4
Fuel tank capacity	approx. I	66
Engine oil 2)	I	7.0
Weight, unladen, to DIN/EU	kg	1820 / 1895
Max load to DIN	kg	685
Max permissible weight	kg	2505
Max axle load, front/rear	kg	1250 / 1360
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar downlo	ad kg	100 / 90
Luggage comp capacity	I	530
Air resistance	c _d x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology		BMW TwinPower Turbo technology: multi-stage turbocharging, low-pressure
Engine teermology		turbocharger with variable inlet geometry, common-rail direct injection with
		piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	210 / 286
		4000
at Max torque	rpm Nm	650
		1500 – 2500
at 48V mild hybrid technology	rpm	1300 – 2300
	ldM/bp	8/11
Max output	kW/hp	0/11
Electrical System		
12V battery/installation	Ah/-	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
40V Buttery/installation	7-417	TT7 drigine compartment
Driving Dynamics and Safety		
Suspension, front		Double-wishbone axle in aluminium construction with separate lower track arm,
		small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems	S	Standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering
		Brake Control), DBC (Dynamic Brake Control), Dry Braking function,
	F	Fading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked
		with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and
		front passenger, head airbags front and rear, three-point inertia-reel seatbelts
		on all seats with belt stopper, belt tensioner and belt force limiter at the front,
		crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS),
		optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL

7.5J x 17 light-alloy

Rims, front/rear

			BMW 530d xDrive Sedan
Transmission			
Type of transmi	ission		Eight-speed Steptronic transmission
Gear ratios		:1	5.500
	II	:1	3.520
	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.471
Performance			
Power-to-weigh	nt ratio (DIN)	kg/kW	
Output per litre		kW/l	70.2
Acceleration	0–100 km/h	S	
Top speed		km/h	250
BMW Efficient			
BMW EfficientD standard feature	,		Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consump	ation ECE		
Urban	DIIOII ECE	l/100 km	6.3 – 6.1
Extra-urban		1/100 km	
Combined		1/100 km	
CO ₂		g/km	
Emission rating		g/KIII	Euro 6d
Liniosion rating			Lui O Ou

¹⁾ Height including roof fin 2) Oil change

The new BMW 5 Series Sedan. 540d xDrive.

		BMW 540d xDrive Sedan
Body		
No of doors/seats		4/5
Length/width/height 1) (unladen)	mm	4963 / 1868 / 1479
Wheelbase	mm	2975
Track, front/rear	mm	1605 / 1630
Ground clearance	mm	139
Turning circle	m	12.4
Fuel tank capacity	approx. I	66
Engine oil 2)		7.0
Weight, unladen, to DIN/EU	kg	1850 / 1925
Max load to DIN	kg	675
Max permissible weight	kg	2525
Max axle load, front/rear	kg	1270 / 1360
Max trailer load,		
braked (12%)/unbraked	kg	2000 / 750
Max roofload/max towbar down	load kg	100 / 90
Luggage comp capacity	1	530
Air resistance	c _d x A	0.23 x 2.35
Power Unit		
Config/No of cyls/valves		In-line / 6 / 4
Engine technology	Bl	MW TwinPower Turbo technology: multi-stage turbocharging, high- and low-pressure turbochargers with variable intake geometry, common-rail direct injection with piezo injectors (max. injection pressure: 2700 bar)
Effective capacity	CC	2993
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel		Diesel
Max output	kW/hp	250 / 340
at	rpm	4400
Max torque	Nm	700
at	rpm	1750 – 2250
48V mild hybrid technology		
Max output	kW/hp	8/11
Electrical System		
12V battery/installation	Ah/–	90 / luggage compartment
48V battery/installation	Ah/-	11 / engine compartment
Driving Dynamics and Safe	tv	
Suspension, front		puble-wishbone axle in aluminium construction with separate lower track arm small steering roll radius, transverse force compensation, anti-dive
Suspension, rear		Five-link axle in aluminium lightweight construction, dual elastic bearing
Brakes, front		Vented disc brakes, with four-piston fixed callipers
Brakes, rear		Vented disc brakes, with single-piston floating callipers
Driving stability systems		andard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, ading Compensation, Start-Off Assistant, all-wheel-drive system xDrive linked with DSC; optional: Adaptive suspension, Adaptive Drive
Safety equipment	fr	Standard: airbags for driver and front passenger, side airbags for driver and ront passenger, head airbags front and rear, three-point inertia-reel seatbelts an all seats with belt stopper, belt tensioner and belt force limiter at the front, crash-active front head restraints, crash sensors, tyre pressure indicator
Steering		Electric Power Steering (EPS), optional: Integral Active Steering
Steering ratio, overall	:1	16.5
Tyres, front/rear		225/55 R17 101Y XL
ryres, ironureai		223/33 KT/ TOTT AL

			BMW 540d xDrive Sedan
Transmission			
Type of transmission			Eight-speed Steptronic transmission
Gear ratios		:1	5.500
	ll l	:1	3.520
,	III	:1	2.200
	IV	:1	1.720
	V	:1	1.317
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.993
Final drive		:1	2.563
Performance			
Power-to-weight ratio ([DIN)	kg/kW	7.4
Output per litre		kW/l	83.5
Acceleration 0-100	0 km/h	S	4.6
Top speed		km/h	250
BMW EfficientDynam	nics		
BMW EfficientDynamics standard features	S	,	Mild hybrid technology with 48V starter-generator, Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO and COMFORT mode with coasting function, Proactive Driving Assistant, Optimum Shift Indicator, Electric Power Steering, BMW EfficientLightweight, optimised aerodynamic attributes, active air flap control, on-demand operation of ancillary units, map-regulated oil pump, efficiency-optimised all-wheel drive, differential with optimised warm-up behaviour, tyres with reduced rolling resistance, BMW Blue Performance technology with SCR catalytic converter
Fuel Consumption E0	CE		
Urban		100 km	6.6 – 6.5
Extra-urban		100 km	4.3 – 4.2
		100 km	5.2 - 5.0
Combined			
COnbined CO2	ıı ıı	g/km	136 – 132

¹⁾ Height including roof fin 2) Oil change