$\mathbf{B}\mathbf{M}\mathbf{W}$ Media Information

6/2013

Valid from 7/2013

Specifications BMW 5 Series Touring. 530d, 535d



Lingsprowdithheight* (unlader)			BMW 530d Touring	BMW 535d Touring	
Lengthweitbheight* (unlader)	Body				
Wheelbase mm 2968 2966 Ground Clearance mm 1600 / 1626 1600 / 1626 Ground Clearance mm 141 141 Turning circle m 12.0 12.7 Tarik capacity spp Itr 70 77 Cooling system Incheater Itr 8.0 5.5 Engine 180 6.5 6.5 6.5 Weight, unladen, to DINEU kg 1820 / 1895 1850 / 1926 Max Roard to DIN kg 6.50 6.5 6.5 Max particle load (12%) kg 2470 2500 Max roalle load, frontfrear kg 1125 / 1400 1140 / 1141 Max roalfoad/marked 1125 / 1400 1100 / 95 2000 / 750 Max roalfoad/marked 181 / 125 / 1400 100 / 95 2000 / 750 Max roalfoad/marked 11 / 12 / 141 11 / 12 / 141 11 / 12 / 141 Max roalfoad/marked 1 / 12 / 141 11 / 12 / 141 11 / 12 / 141 Max roalfoad/marked 1 / 12 / 141			5/5	5/5	
Track, front/teer	Length/width/height ¹⁾ (unladen)	mm	4907 / 1860 / 1462	4907 / 1860 / 1462	
Ground clearance	Wheelbase	mm	2968	2968	
Turning picicle	Track, front/rear	mm	1600 / 1626	1600 / 1626	
Tank capacity	Ground clearance	mm	141	141	
Cooling system incl heater	Turning circle	m	12.0	12.0	
Engine Itr 6.5 6.5 6.5	Tank capacity	app ltr	70	70	
Weight, unladen, to DINVEU kg 1820 / 1895 1850 / 1925 Max load to DIN kg 650 655 Max permissible kg 2470 2500 Max variel road (12%), by kg 2000 / 750 2000 / 750 Max road load, front/read kg 100 / 90 100 / 90 Luggage comp capacity itr 560 - 1670 560 - 1674 Air resistance Cd xA 4" x 2.35 4" x 2.35 Engine ConfigNo of cyls/slavles Straight-six / 4 Straight-six / 4 Engine technology BMW Twin/Power Turbo BMW Twin/Power Turbo ConfigNo of cyls/slavles Straight-six / 4 Straight-six / 4 Engine technology BMW Twin/Power Turbo BMW Twin/Power Turbo ComfigNo of cyls/slavles Straight-six / 4 Straight-six / 4 Engine technology BMW Twin/Power Turbo BMW Twin/Power Turbo ComfigNo of cyls/slavles Straight-six / 4 Straight-six / 4 Engine technology BMW Twin/Power Turbo BMW Twin/Power Turbo ConfigNo of cyls/slavles Straight-six /	Cooling system incl heater	ltr	8.0	8.0	
Max load to DIN kg 650 655 Max permissible kg 2470 2550 Max axide load, front/rear kg 1125/1400 1141/1418 Max torification and (12%), by the problem of the p	Engine oil ²⁾	ltr	6.5	6.5	
Max permissible Kg 2470 250% Max ake load, front/rear kg 1125/1400 1140/1418 Max ker load (12%), by a 2000/750 2000/750 2000/750 braked/unbraked 4 2000/750 2000/750 Max roofload/max towbar download kg 100 / 90 100 / 90 Luggage comp capacity ltr 560 – 1670 560 – 1677 Air resistance Cd x A 4 x 2.35 3 x 2.35 Engine ConfigNo of cylskvalves Straight-six / 4 Strai	Weight, unladen, to DIN/EU	kg	1820 / 1895	1850 / 1925	
Max axile load, front/rear kg 1125/1400 1140/1418 Max trailer load (12%), kg 2000/750 2000/750 Trail production trailer load (12%), kg 2000/750 2000/750 Max roofload/max towber download kg 100/90 100/79 560-1670 560-1670 560-1670 560-1670 560-1670 560-1670 560-1670 560-1670 540-1670<	Max load to DIN	kg	650	650	
Max trailer load (12%), braked/unbraked kg 2000 / 750 2000 / 750 braked/unbraked Max roofload/max towbar download kg 100 / 90 100 / 90 Luggage comp capacity Itr 560 - 1670 560 - 1670 Air resistance Cd x A 4 x 2.35 4 x 2.35 Engine Contig/No of cyls/valves Straight-six / 4 Straight-	Max permissible	kg	2470	2500	
braked/unbraked Max roofload/max towhar download Max roofload/max towhar download Max roofload/max towhar download Legagea comp capacity Itr 560 – 1670 560 – 1670 Air resistance Cot A 91 x 2.35 91 x 2.35 Engine Contig/No of cyls/valves Engine technology BMW TwinPower Turbo BMW TwinPower Turbo technology with variable- geometry turbocharger, Common Rail direct injection with solenoid valve injectors (max. injection with polenoid valve injectors (max. injection with	Max axle load, front/rear	kg	1125 / 1400	1140 / 1415	
braked/unbraked Max rooffoed/max towbar download kg 100 / 90 100 / 90 Max rooffoed/max towbar download kg 100 / 90 560 – 1670 560 – 1670 Air resistance Cd x A "3 x 2.35 "3 x 2.35 Engine Engine Engine technology BMW TwinPower Turbo BMW TwinPower Turbo Engine technology with variable- geometry turbocharger, common Rail direct bMW TwinPower Turbo Common Rail direct pressure turbocharger Common Rail direct pressure turbocharger Common Rail direct pressure turbocharger injection with solenoid common Rail direct valve injectors (max. injection max. injection with pieze injection with pieze Capacity, effective cc 2.993 Stroke / bore mm 90.0 / 84.0 Compression ratio :1 16.5 16.5 Fuel grade Diese Diese Max output kWhp 190 / 259 2.20 / 308 Batterylinstallation	Max trailer load (12%),	kg	2000 / 750	2000 / 750	
Luggage comp capacity Itr 560 − 1670 560 − 167 Air resistance Cd x A ⁴¹ x 2.35 ⁴¹ x 2.35 Engine Engine Straight-six / 4 Straight-		Ü			
Luggage comp capacity Itr 560 − 1670 560 − 1676 Air resistance Cd x A ai x 2.35 ai x 2.35 Engine Cd x A ai x 2.35 ai x 2.35 Engine Engine Straight-six / 4 Straight-six / 4 Straight-six / 4 Engine technology BMW TwinPower Turbo bendered in the chandogy with variable-geometry high person of the chandogy with variable-geometry high person of the chandogy with variable-geometry high capacity, and the chandogy with variable-geometry high person of the chandogy with va	Max roofload/max towbar downlo	ad kg	100 / 90	100 / 90	
Engine Config/No of cyts/valves Straight-six / 4 Straight-six	Luggage comp capacity		560 – 1670	560 – 1670	
Engine Config/No of cyls/valves Engine technology BMW TwinPower Turbo technology with multi-stage decementy furbocharger, Common Rall direct injection with solenoid valve injection with solenoid valve injection with solenoid valve injection with pieze injectors (max injection pieze injection with pieze			⁴⁾ x 2.35	⁴⁾ x 2.35	
ConfigNo of cyls/valves	- In redictaries	- Cu x r t			
Engine technology BMM TwinPower Turbo technology with variable- dechnology with multi-stage geometry furbocharger; variable-geometry high pressure turbocharger injection with solenoid Common Rail direct injection with solenoid Common Rail direct injection with solenoid valve injectors (max. injection with pieze injectors (max. injection pressure: injectors (max. injection pressure: injectors (max. injection pressure: injectors (max. injection pressure 2000 bar) Capacity, effective cc 2993 2993 Stroke / bore mm 90.0184.0 90.0184. Compression ratio :1 16.5 16.5 16.5 16.5 16.5 16.5 16.5 16.			Straight aix / 4	Straight aiv / 4	
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Injection pressure: Injectors (max. Injection pressure) 2993 299			injection with solenoid	Common Rail direct	
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Capacity, effective cc 2993 2993 Stroke / bore mm 90.0784.0 90.0784.0 Compression ratio :1 16.5 16.5 Fuel grade Diesel Diese Max output kWhp 190 / 258 230 / 313 at rpm 4000 4400 Max torque Nm 560 633 at rpm 1500 - 3000 1500 - 2500 Electrical System Batteryfinstallation Ah/- 90 / luggage comp 90 / luggage comp Alternator AW 180 / 2520 220 / 3080 Diving Dynamics and Safety Suspension, front Double track control arm axle with separate lower track arm level, aluminium, small steering roll radius, anti-dive Suspension, rear Integral-V multi-arm axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling Brakes, front Single-piston aluminium floating-calliper disc brakes in frame structure Diameter mm 348 x 30 / inner-vented 348 x 36 / inner-vented					
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Compression ratio :1 16.5 16.5 Fuel grade Diesel Diese Max output kW/hp 1907/258 2307/313 at rpm 4000 4400 Max torque Nm 560 630 at rpm 1500 – 3000 1500 – 2500 Electrical System Batteryfinstallation Ah/- 90 / luggage comp 90 / luggage comp Alternator AW 180 / 2520 220 / 3080 Driving Dynamics and Safety Suspension, front Double track control arm axle with separate lower track arm level, aluminium, small setering roll radius, anti-dive Suspension, rear Integral-V multi-arm axle, aluminium, with steering function, anti-squat and anti-dive, double acoustic separation, air suspension with automatic self-levelling Brakes, front Single-piston aluminium floating-calliper disc brakes in frame structure Diameter mm 348 x 30 / inner-vented 348 x 36 / inner-vented Brakes, rear Single-piston aluminium floating-calliper disc brakes Diameter mm 330 x 20 / inner-vented 345 x 24 / inner-vented Driving stability systems Standard: DSC incl ABS and DTC Dynamic Tarcino Control, CBC Cornering Brake Control, DBC Dynamic Brake Control, Dry Braking function, Fading Compensation, Start-Off Assistant; optional: D					
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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 for front and rear seats, three-point inertia-reel belts on all seats with belt stopper, belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator Steering Electric Power Steering (EPS) with Servotronic; optional: Integral Active Steering Steering transmission, overall 1 17.1 17.1 Tyres, front/rear 225/55 R17 97Y 225/55 R17 97Y				• .	
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 for front and rear seats, three-point inertia-reel belts on all seats with belt stopper, belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator Steering Electric Power Steering (EPS) with Servotronic; optional: Integral Active Steering Steering transmission, overall 1 17.1 17.1 Tyres, front/rear 225/55 R17 97Y 225/55 R17 97Y		mm			
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optional: Integral Active Steering Steering transmission, overall :1 17.1 17.1 17.1 Tyres, front/rear 225/55 R17 97Y 225/55 R17 97Y	Safety equipment		and front passenger, head airbags for front and rear seats, three-point inertia-reel belts on all seats with belt stopper, belt tightener and belt force limiter at the front, crash-activated headrests at the front, crash sensors, Tyre Defect Indicator		
Steering transmission, overall :1 17.1 17.1 Tyres, front/rear 225/55 R17 97Y 225/55 R17 97Y	Steering			,	
Tyres, front/rear 225/55 R17 97Y 225/55 R17 97Y	Steering transmission, avarall	.1	·		
		.1			
Prime transferr STV L/ light allow	Rims, front/rear		8J x 17 light-alloy	8J x 17 light-alloy	

BMW

Media Information

6/2013

Valid from 7/2013

Specifications BMW 5 Series Touring.

		BMW 530d Touring	BMW 535d Touring
Transmission			
Type of gearbox		Eight-speed automati	ic with Steptronic
Gear ratios I		4.714	4.714
		3.143	3.143
		2.106	2.106
IV	1	1.667	1.667
V		1.285	1.285
VI		1.000	1.000
VI	I	0.839	0.839
VI	II	0.667	0.667
R		3.317	3.317
Final drive		2.471	2.647
Performance			
Power-to-weight ratio (DI	N) kg/kW	9.6	8.0
Output per litre	kW/hp	63.5	76.8
Acceleration 0–100 kr	m/h sec	5.9	5.4
0–1000) m sec	26.2	24.8
in 4th gear 80–120 ki	m/h sec	=	_
Top speed	km/h	250	250

BMW EfficientDynamics

BMW EfficientDynamics, standard features

Brake Energy Regeneration with recuperation display, Auto Start Stop function, ECO PRO mode with coasting function, intelligent lightweight construction, on-demand operation of ancillary units, air flap control, Electric Power Steering (EPS), detachable a/c compressor, tyres with reduced roll resistance, BMW BluePerformance technology

Fuel Consumption	EU ³⁾		
	wheels 8J x 17, tyres 225/55 R	17	
Urban	ltr/100 km	6.2	6.5
Extra-urban	ltr/100 km	4.7	4.9
Combined	ltr/100 km	5.3	5.5
CO ₂	g/km	139	144
With 8J x 18 wheels a	and 245/45 R18 tyres or winter	tyres	
Urban	ltr/100 km	6.5	6.7
Extra-urban	ltr/100 km	4.9	5.1
Combined	ltr/100 km	5.5	5.7
CO ₂	g/km	144	149
With 8.5J x 19 wheels	and 245/40 R19 tyres		
Urban	l/100 km	6.7	7.0
Extra-urban	l/100 km	5.1	5.2
Combined	l/100 km	5.7	5.9
CO ₂	g/km	149	154
Emission rating		EU6	EU6

Specifications applicable to ACEA markets, data relevant to homologation applicable in part only to Germany (weight)

Height with roof aerial: 1488 mm
 Oil change
 Fuel consumption and CO₂ emissions depend on the selected tyre format
 Data not yet available