**BMW** Media information

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Valid from 03/2014

## Specifications. The new BMW M3 Sedan. The new BMW M4 Coupe.



No. of doorsleets			BMW M3 Sedan	BMW M4 Coupe
No. of doorsbeats	Body			
Lengthwidthheight			4/5	2/4
Wheelbase         mm         2812           Track, front/rear         mm         1579/1603           Ground clearance         120         121           Turning circle         m         122           Tank capacity         approx. Itr         60           Cooling system incl. heating         Itr         13.9           Engine oil**         Itr         6.58           Weight, unladen, to DINEU         kg         1520/1595         1497/1572           Max. load to DIN         kg         580 (540)         543 (503)           Max. load to DIN         kg         580 (540)         543 (503)           Max. load to DIN         kg         2100         2040           Max. ade load, front/rear         kg         9901170         9701130           Max. tool to DIN         kg         2901170         9701130           Max. tool to Cool Goadftowbar         kg         9901170         9701130           Max. tool foedftowbar         kg         9901170         9701130           Max. tool foedftowbar         kg         30.34 x 2.29         3.34 x 2.23           Engine         Config. Mox. of cyls. Avalves         Ref. 4         4.50         4.55           Luggage comp. capacity	Length/width/height	mm		
Track, front/rear	· · · · · · · · · · · · · · · · · · ·	mm		2812
Circumor clearance   120				
Turning circle		111111	120	
Tank capacity   approx. Itr   50		m	120	
Engine oil				
Engine oil 15 Weight, unladen, to DINEU				
Weight, unladen, to DINEU         kg         15201595         1497/1572           Max. load to DIN         kg         S80 (540)         543 (503)           Max. permissible weight         kg         2100         2040           Max. axelic load, front/rear         kg         990/1170         970/1130           Max. trailer load, by crailer load, by				
(1560/1635) (1537/1612)			1520/1595	
Max. load to DIN         kg         580 (540)         543 (503)           Max. permissible weight         kg         2100         2040           Max. Axie load, front/rear         kg         990/1170         970/1130           Max. trailer load, brailer load, load	Weight, amaden, to bitwice	Νg		
Max. permissible weight         kg         2100         2040           Max. ake load, front/rear         kg         990/1170         970/1130           Max. trailer load, kg         kg         990/1170         970/1130           Max. rofe load/flowbar download         kg         75/	Max load to DIN	ka		
Max. rayle load, front/rear kg 990/1170 970/1130 Max. trailer load, kg/- braked (12%) funbraked Max. roof load/towbar download Luggage comp. capacity ltr 480 445 Air resistance C <sub>a</sub> x A 0.34 x 2.29 0.34 x 2.23  Engine Config. /no. of cyls. /valves Engine technology M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS) Effective capacity cm³ 2.979 StrokelBore mm 89.6 / 84.0 Compression ratio :1 0.22 Luglagede MW/hp 317/431 at rpm 5500-7300 Torque kW/hp 317/431 at rpm 5500-7300 Torque Nm 5500-7300 Torque Nm 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axles subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Standard: 25C incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), Stability set-up Standard: airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatches to an dispatcy set and service and report of the perforated Standard: 25C incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DSC / Active M Differential, Dry Braking function, Stant-Off Assistant Safety equipment Standard: airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatches to an disease Steering Parke Control, Standard: airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatches to an disease Steering Four-piston fixed-calliper disc brakes / inner-vented, perforated Standard: airbags for driver and front passenger, head airbags front and rea			, ,	
Max, trailer load, braked (12%) Unbraked Max, roof load/howbar kg 75 download				
braked (12%)/unbraked  Max. roof load/towbar  download  Luggage comp. capacity  Itr  480  445  Air resistance  C <sub>d</sub> x A  0.34 x 2.29  0.34 x 2.23  Engine  Config./no. of cyls./valves  Engine technology  M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity  cm³  (VALVETRONIC) and variable (rack-and-pinion) power steering, errar and subtrame in lightweight steel construction, rigidy bolted to the body,  M-specific kinematics and rigidity set-up  Electrical system  Aluminium five-link axle, control arms and wheel carrier gare axle subframe in lightweight steel construction, rigidy bolted to the body,  M-specific kinematics and rigidity set-up  Electrical system  Aluminium five-link axle, con			330/11/0	
download Luggage comp. capacity ltr 480 445 Air resistance C <sub>d</sub> x A 0.34 x 2.29 0.34 x 2.23  Engine Config/Inc. of cyls./valves R/6/4 Engine technology M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS) Effective capacity cm³ 2.979 Stroke/Bore mm 8.86.6 / 84.0 Compression ratio :1 0.90 Euglade RON95 – RON98 Output kW/hp 317/431 at rpm 5500–7300 Torque Nm 5500–7300 at rpm 1850–5500  Electrical system Battery/installation An/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety Suspension, front Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly botted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Grieger (Arcive more) Standard: sirabags for driver and front passenger, side airbags	braked (12%)/unbraked			
Luggage comp. capacity   Itr		кд		/5/
Air resistance  C <sub>d</sub> x A  0.34 x 2.29  0.35 x 2.29  0.36 x 2.29  0.36 x 2.29  0.37 x 2.29  0.38 x 2.29  0.39 x 2.29  0.39 x 2.29  0.39 x 2.29  0.39 x 2.29  0.30 x 2.20 x 2.20  0.30 x 2.		11 -	400	4.45
Engine Config_/no. of cyls_/valves Engine technology M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS) Effective capacity cm³ Stroke/Bore mm 83.6 / 84.0 Compression ratio :1 1.0.2 Fuel grade RON95 – RON98 Output kW/hp RON95 – RON98 Output kW/hp RON95 – RON98 Torque Nm S500–7300 Torque Nm S500–7300 Torque Nm S500 Electrical system Battery/installation Ah/- Alternator A/W 209/2926 (at rated speed)  Priving dynamics and safety Suspension, front Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidity belted to the body, M-specific kinematics and rigidity set-up Brakes, front Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Safety equipment Standard: Sirbags 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall 1 1 5.0 Tyres, front/rear				
Config./no. of cyls./valves Engine technology M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS) Effective capacity cm³ 2.979 Stroke/Bore mm 89.6 / 84.0 Compression ratio :1 1.0.2 Fuel grade RON95 – RON98 Output kW/hp 317/431 at rpm 5500–7300 Torque Nm 5500 at rpm 189.6 / 84.0 Electrical system Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags front and rear, three-point inertia-reel seatbelts on all seats Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 1.50 Tyres, front/frear 255/40 ZR18 957 / 275/40 ZR18 9	Air resistance	C <sub>d</sub> X A	0.34 x 2.29	0.34 X 2.23
Engine technology  M TwinPower Turbo technology with two mono-scroll turbochargers, High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS).  Effective capacity cm³ 2.979  Stroke/Bore mm 89.6 / 84.0  Compression ratio :1 1.0.2  Fuel grade RON95 - RON98  Output kW/hp 317/431  at ppm 5500-7300  Torque Nm 5500-7300  at rpm 1880-5500  Electrical system  Battery/installation Ah/- 69/luggage comp.  Alternator AW 209/2926 (at rated speed)  Priving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking Lort, Off Assistant Safety equipment  Standard: airbags for driver and front passenger, sled airbags front and rear, three-point interia-reel seatbelts on all seats Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall :1 5.00  Tyres, front/rear 255/40 ZR18 957 / 275/40 ZR18 997 / 27				DISIA
High Precision Direct Petrol Injection, fully variable valve timing (VALVETRONIC) and variable camshaft control (Double-VANOS)  Effective capacity cm³ 2.979  Stroke/Bore mm 89.6 / 84.0  Compression ratio :1 1.0.2  Fuel grade RON95 - RON98  Output kW/hp 317/431  at rpm 5500-7300  Torque Nm 5500-7300  Torque Nm 5500-7300  Electrical system  Battery/installation Ah/- 69/luggage comp.  Alternator A/W 209/2926 (at rated speed)  Priving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up ilightweight steel construction, rigidly bolte			M TwinPower Turbe technology with tw	
Effective capacity cm³ 2.979 Stroke/Bore mm 89.6 / 84.0 Compression ratio :1 1.0.2 Fuel grade RON95 - RON98 Output kW/hp 317/431 at rpm 5500-7300 Torque Nm 5500-7300 at rpm 1850-5500  Electrical system  Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Comering Brake Control), DSC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, nead airbags front and rear, three-point inertia-reel seatbelts on all seats Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 1.5.0 Tyres, front/frear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Engine technology		High Precision Direct Petrol Inject	ion, fully variable valve timing
Stroke/Bore mm 89.6 / 84.0 Compression ratio :1 1.0.2 Fuel grade RON95 - RON98 Output kW/hp 317/431 at rpm 5500-7300 Torque Nm 5500-7300 Torque Nm 5550 at rpm 69/fuggage comp. Alternator AW 209/2926 (at rated speed)  Priving dynamics and safety Suspension, front Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Pour-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), BBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and front passenger, lead airbags for driver and front passenger, head airbags for driver and front passenger, head airbags for a driver and front passenger, head airbags for and rear, three-point inertia-reel seatbelts on all seats Steering ratio, overall :1 1.5.0 Tyres, front/frear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Effective capacity	cm <sup>3</sup>	, , , , , , , , , , , , , , , , , , , ,	<u> </u>
Fuel grade Output kW/hp 317/431 at rpm 5500-7300 Torque Nm 5500-7300 at rpm 1850-5500 at rpm 1850-5500 at rpm 1850-5500 at rpm 1850-5500 at rpm 209/2926 (at rated speed)  Electrical system Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant Safety equipment Standard: airbage for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall 1 1 5.0 Tyres, front/rear				89.6 / 84.0
Output kW/hp 317/431 at rpm 5500-7300 Torque Nm 550 at rpm 1850-5500  Electrical system Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidity betted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dps Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 15.0 Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Compression ratio	:1		10.2
Output kW/hp 317/431 at rpm 5500-7300 Torque Nm 550 at rpm 1850-5500  Electrical system Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidily bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dny Braking function, Start-Off Assistant Safety equipment Standard: airbags for driver and front passenger, head airbags for driver and front passenger, head airbags for driver and front passenger, head airbags for three-point inertia-reel seatbelts on all seats Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 15.0 Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 995Y / 275/40 ZR18	Fuel grade			RON95 – RON98
Torque Nm 1850–5500  Electrical system  Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up (M-specific kinematics and r		kW/hp		317/431
Electrical system  Battery/installation Ah/- 69/luggage comp. Alternator A/W 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall 1 1 5.0 Tyres, front/fear 255/40 ZR18 95Y / 275/40 ZR18 99Y	at	rpm		5500–7300
Electrical system  Battery/installation Ah/- 69/luggage comp. Alternator A/W 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 15.0 Tyres, front/fear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Torque	Nm		550
Battery/installation Ah/- 69/luggage comp. Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up M-specific kinematics and rigidity set-up M-specific kinematics and rigidity set-up Ilightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 15.0  Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 99Y	at	rpm		1850–5500
Alternator AW 209/2926 (at rated speed)  Driving dynamics and safety  Suspension, front Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall :1 15.0  Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Electrical system			
Driving dynamics and safety  Suspension, front  Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up M-specific kinematics and rigidity set-up Suspension, rear  Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front  Brakes, front  Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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  Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall  1 15.0  Tyres, front/rear	Battery/installation	Ah/–		69/luggage comp.
Suspension, front  Aluminium double-joint spring strut axle, M-specific kinematics and rigidity set-up Suspension, rear  Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front  Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall  15.0  Tyres, front/rear	Alternator	A/W		209/2926 (at rated speed)
M-specific kinematics and rigidity set-up Suspension, rear  Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front  Brakes, rear  Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall  15.0  Tyres, front/rear	Driving dynamics and safe	ety		
Suspension, rear  Aluminium five-link axle, control arms and wheel carriers, rear axle subframe in lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front  Brakes, front  Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall  15.0  Tyres, front/rear	Suspension, front			, , ,
lightweight steel construction, rigidly bolted to the body, M-specific kinematics and rigidity set-up Brakes, front Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall 15.0 Tyres, front/rear	Suspension, rear			
Brakes, front  Four-piston fixed-calliper disc brakes / inner-vented, perforated Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall  15.0  Tyres, front/rear			lightweight steel constructi	on, rigidly bolted to the body,
Brakes, rear  Twin-piston fixed-calliper disc brakes / inner-vented, perforated Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall  15.0  Tyres, front/rear	Brakes front			
Driving stability systems  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall 15.0 Tyres, front/rear  Standard: DSC incl. ABS and MDM (M Dynamic Mode), CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Dynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), DBC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), Start-Off Assistant Standard: DSC (Pynamic Brake Control), St				
CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Stability interaction DSC / Active M Differential, Dry Braking function, Start-Off Assistant 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 Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios Steering ratio, overall  15.0  Tyres, front/rear  255/40 ZR18 95Y / 275/40 ZR18 99Y				
Safety equipment Standard: : airbags for driver and front passenger, side airbags for driver and front passenger, side airbags for driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats  Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall  15.0  Tyres, front/rear  Standard: : airbags for driver and front passenger, side airbags for	Driving stability systems	in	CBC (Cornering Brake Control), DBC (Dyn	amic Brake Control), Stability
driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats  Steering  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall  Tyres, front/rear  driver and front passenger, head airbags front and rear, three-point inertia-reel seatbelts on all seats  Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  255/40 ZR18 95Y / 275/40 ZR18 99Y	Safety equipment			
Steering Variable M Sport rack-and-pinion power steering, electromechanical with variable (rack-and-pinion) ratios  Steering ratio, overall :1 15.0  Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 99Y	calcty oquipmont		driver and front passenge	r, head airbags front and rear,
Steering ratio, overall         :1         15.0           Tyres, front/rear         255/40 ZR18 95Y / 275/40 ZR18 99Y	Steering		Variable M Sport rack-and-pinion power ste	ering, electromechanical with
Tyres, front/rear 255/40 ZR18 95Y / 275/40 ZR18 99Y	Steering ratio, overall	:1	va	
			255/40 7	
	Rims, front/rear			

BMW Media information

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Valid from 03/2014

			BMW M3 Sedan	BMW M4 Coupe
Transmission				
Type of gearbox			6-speed manual gearbox (optional: 7-speed Double Clutch Transmission)	
Gear ratios I		:1		4.110 (4.806)
	II	:1		2.315 (2.593)
	III	:1		1.542 (1.701)
	IV	:1		1.179 (1.277)
	V	:1		1.000 (1.000)
	VI	:1		0.846 (0.844)
	VII	:1		(0.671)
	R	:1		3.727 (4.172)
Final drive		:1		3.462 (3.462)
Performance				
Power-to-weight	t ratio (DIN)	kg/kW	4.79 (4.92)	4.72 (4.84)
Output per litre		kW/ltr		106.4
Acceleration	0–100 km/h	S		4.3 (4.1)
	0–1000 m	S		22.2 (21.9)
In 4th/5th gear	80-120 km/h	S		3.5/4.2 (3.5/4.3)
Top speed		km/h		250 (250)
BMW Efficient	Dynamics			
BMW EfficientDynamics,			Brake Energy Regeneration, Electric Power Steering,	
standard features			Engine Start Stop function, Optimum Gearsh	nift Indicator (6-speed manual
			gearbox and 7-speed Double Clutch Tr	
			intelligent lightweight construction, on-demar	nd operation of ancillary units,
			map-controlled oil pump, final drive with o	pptimised warm-up behaviour
Fuel consumpt	tion EU <sup>2)</sup>			
With standard ty	res:			
Urban		ltr/100 km		12.0 (11.1)
Extra-urban		ltr/100 km		6.9 (6.7)
Combined		ltr/100 km		8.8 (8.3)
CO <sub>2</sub>		g/km		204 (194)
Emission rating				EU6

Specifications apply to ACEA markets; data relevant to homologation applicable in part only to Germany (weight) Figures in brackets apply to 7-speed Double Clutch Transmission

 $<sup>^{1)}</sup>$  Oil change  $^{2)}$  Fuel consumption and  $\mathrm{CO}_2$  emissions depend on the selected tyre format