

Specifications BMW X5. X5 xDrive40d



BMW X5 xDrive40d	
Body	
No of doors/seats	5 / 5 (7) ¹⁾
Length/width/height (unladen)	mm 4886 / 1938 / 1762
Wheelbase	mm 2933
Track, front/rear	mm 1644 / 1650
Turning circle	m 12.7
Tank capacity	app ltr 85
Cooling system incl. heater	ltr 12.6
Engine oil ²⁾	ltr 6.5
Weight, unladen, to DIN/EU	kg 2110 / 2185
Max load to DIN	kg 715
Max permissible	kg 2825
Max axle load, front/rear	kg 1320 / 1565
Max trailer load (12%), braked/unbraked	kg 2700 (3500 ³⁾) / 750
Max roofload/max towbar download	kg 100 / 140
Luggage comp capacity	ltr 650 – 1870
Air resistance	$c_d \times A$ 0.31 x 2.84
Engine	
Config/No of cyls/valves	In-line / 6 / 4
Engine technology	BMW TwinPower Turbo technology with two turbochargers, small charger with variable-geometry, Common Rail direct injection with piezo injectors (max. injection pressure: 2000 bar)
Capacity, effective	cm ³ 2993
Stroke / bore	mm 90.0 / 84.0
Compression ratio	:1 16.5
Fuel grade	Diesel
Max output	kW/hp 230 / 313
at	rpm 4400
Max torque	Nm 630
at	rpm 1500 – 2500
Electrical System	
Battery/installation	Ah/– 105 / luggage comp
Alternator	A/W 220 / 3080
Driving Dynamics and Safety	
Suspension, front	Double track control arm with double joint principle, small, negative steering roll radius, anti-dive
Suspension, rear	Integral-IV rear axle, spatial suspension with anti-squat and anti-dive; optional: air suspension with automatic self-levelling
Brakes, front	Single-piston floating-calliper disc brakes
Diameter	mm 332 x 30 / inner-vented
Brakes, rear	Single-piston floating-calliper disc brakes
Diameter	mm 320 x 20 / inner-vented
Driving stability systems	Standard: DSC incl. ABS and Dynamic Traction Control (DTC), Cornering Brake Control (CB), Dynamic Brake Control (DBC), Dry Braking function, Fading Compensation, Start-Off Assistant; DSC linked to xDrive all-wheel- drive, Automatic Differential Brake (ADB-X), Hill Descent Control (HDC); optional in conjunction with the Comfort, Dynamic or Professional adaptive suspension packages or Adaptive M suspension: Dynamic Damper Control, active roll stabilisation, Dynamic Performance Control
Safety equipment	Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, crash-activated head restraints at the front, three-point inertia-reel seatbelts on all seats with integrated belt latch tensioner and belt force limiter at the front, crash sensors, rollover sensors, Tyre Defect Indicator
Steering	Electric Power Steering (EPS) with Servotronic; optional: Active Steering
Steering transmission, overall	:1 19.1
Tyres, front/rear	255/55 R18 109 V XL
Rims, front/rear	8.5J x 18 light-alloys

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BMW ConnectedDrive			
Comfort		Optional: Concierge Services, Remote Services, Real Time Traffic Information, BMW TeleServices, integration of mobile devices	
Infotainment		Optional: internet access, BMW Online incl. Park Info, National Info, Google Services, News, Realtime Weather, BMW Routes, Office functions, Bluetooth Audio Streaming and Online Update Music Tracks, Online Entertainment, apps	
Safety		Optional: Adaptive Headlights with turning lights, anti-dazzle High Beam Assistant, Park Distance Control, rear-view camera, Surround View, BMW Night Vision with human and animal detection and Dynamic Light Spot, Head-Up Display, Parking Assistant, Lane Change Warning, Lane Departure Warning, Collision Warning with braking function, Active Cruise Control with Stop & Go function and full braking to standstill, Traffic Jam Assistant, Speed Limit Info with No Passing Info, Active Protection with Attention Assistant, Automatic/Enhanced Emergency Call (as standard)	
Transmission			
Type of gearbox		Eight-speed Steptronic gearbox	
Gear ratios	I	:1	5.000
	II	:1	3.200
	III	:1	2.143
	IV	:1	1.720
	V	:1	1.313
	VI	:1	1.000
	VII	:1	0.823
	VIII	:1	0.640
	R	:1	3.478
Final drive		:1	3.154
Performance			
Power-to-weight ratio (DIN)	kg/kW		9.2
Output per litre	kW/ltr		76.8
Acceleration	0–100 km/h	sec	5.9
	0–1000 m	sec	26.0
Top speed	km/h		236
Off-Road Specifications			
Overhang angle, front/rear			25.0 / 20.0
Ramp angle		°	20.0
Ground clearance unladen	mm		209
Fording depth (at 7 km/h)	mm		500
BMW EfficientDynamics			
BMW EfficientDynamics, standard features		Brake Energy Regeneration with recuperation display, Electric Power Steering (EPS), Auto Start Stop function, ECO PRO mode with coasting function, map-controlled oil pump, intelligent lightweight construction, optimised aerodynamic attributes, active air vents, detachable a/c compressor, final drive with optimised warm-up behaviour, tyres with reduced roll resistance, BMW BluePerformance technology	
Fuel Consumption EU ⁴⁾			
With standard wheels and tyres			
Urban	ltr/100km		6.8
Extra-urban	ltr/100km		5.5
Combined	ltr/100km		6.0
CO ₂	g/km		157
With 9J x 19 wheels at front, 10J x 19 at rear and 255/50 R19 tyres at front, 285/45 R19 at rear			
With 10J x 20 wheels at front, 11J x 20 at rear and 275/40 R20 tyres at front, 315/35 R20 at rear			
Urban	ltr/100km		6.8
Extra-urban	ltr/100km		5.6
Combined	ltr/100km		6.0
CO ₂	g/km		159
Emission rating			EU6

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

- 1) With optional third row of seats
- 2) Oil change
- 3) With optional increased towbar download (country-specific)
- 4) Fuel consumption and CO₂ emissions depend on the selected tyre format