

Specifications BMW X5. X5 xDrive50i



BMW X5 xDrive50i		
Body		
No of doors/seats		5 / 5 (7) ¹⁾
Length/width/height (unladen)	mm	4886 / 1938 / 1762
Wheelbase	mm	2933
Track, front/rear	mm	1640 / 1646
Turning circle	m	12.7
Tank capacity	app ltr	85
Cooling system incl heater	ltr	14.9
Engine oil ²⁾	ltr	9.0
Weight, unladen, to DIN/EU	kg	2175 / 2250
Max load to DIN	kg	715
Max permissible	kg	2890
Max axle load, front/rear	kg	1345 / 1585
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 x A	0.33 x 2.84
Engine		
Config/No of cyls/valves		V / 8 / 4
Engine technology	BMW TwinPower Turbo technology with two turbochargers, direct injection (High Precision Injection) and fully variable valve control (VALVETRONIC)	
Capacity, effective	cc	4395
Stroke / bore	mm	88.3 / 89.0
Compression ratio	:1	10.0
Fuel grade		min RON 91
Max output	kW/hp	330 / 450
at	rpm	5500 – 6000
Max torque	Nm	650
at	rpm	2000 – 4500
Electrical System		
Battery/installation	Ah/–	105 / luggage comp
Alternator	A/W	210 / 2940
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	385 x 36 / inner-vented
Brakes, rear	Single-piston floating-calliper disc brakes	
Diameter	mm	345 x 24 / 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		255/50 R19 107 W XL RSC
Rims, front/rear		9J x 19 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, 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		6.6
Output per litre	kW/ltr		75.1
Acceleration	0–100 km/h	sec	4.9
	0–1000 m	sec	⁵⁾
Top speed	km/h		250
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, flow rate-controlled oil pump, rpm-driven fuel 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	
Fuel Consumption EU ⁴⁾			
With standard wheels and tyres			
Urban	ltr/100km		12.9
Extra-urban	ltr/100km		7.7
Combined	ltr/100km		9.6
CO ₂	g/km		224
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		13.0
Extra-urban	ltr/100km		7.8
Combined	ltr/100km		9.7
CO ₂	g/km		226
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
- 5) Data not yet available