BMW Media Information

8/2012

Valid from 11/2012

Specifications BMW X3. X3 sDrive18d



		BMW X3 sDrive18d
Bodv		
Number of doors/seats		5/:
	mm	4648 / 1881 / 1661
Length/Width/Height (unladen) Wheelbase	mm	2810
	mm	1616 / 1632
Track front/rear	mm	11.9
Turning cycle	m	
Tank capacity	appr ltr	67.70
Cooling system incl. heating	ltr	8.7 (9.0
Engine oil 2)	ltr .	5.2
Weight, unladen, to DIN/EU	kg	1660 / 1735 (1680 / 1755
Max. load to DIN	kg	590
Max. perm. weight, overall	kg	2250 (2270
Max perm axle load front/rear	kg	1000 / 1305
Max perm trailer load (12 %)	kg	0000 1750
braked/unbraked		2000 / 750
Perm roof load/trail download	kg	100 / 100
Luggage capacity	ltr	550–1600
Air resistance	cd x A	0.33 x 2.65
Engine		
Config/no of cyls/valves		R/4/4
Engine technology		BMW TwinPower Turbo technology with variable-geometry turbocharger, Common Rail direc injection with solenoid injectors
		(max. injection pressure: 1600 bar
Capacity	CC	1998
Stroke/bore	mm	90.0 / 84.0
Compression ratio	:1	16.5
Fuel grade		Diese
Max output	kW/bhp	105 / 143
At rpm	rpm	4000
Torque	Nm	360
At rpm	rpm	1750-2500
Electrical system		
Battery/installation	Ah/-	90 / luggage comp
Alternator	A/W	180 / 2520
Driving dynamics and safety	•	
Suspension, front	<u>'</u>	Double-joint tension-rod spring-strut suspension, anti-dive
Suspension, rear		Five-link rear axle, spatial suspension with
Suspension, real		anti-squat and anti-dive
Brakes, front		Single-piston floating-caliper disc brakes
Diameter	mm	328 x 28 / vented
Brakes, rear	111111	Single-piston floating-caliper disc brakes
Diameter	mm	330 x 20 / vented
Driving stability systems	111111	Fitted as standard: DSC incl. ABS and DTC (Dynamic Traction Control), CBC
		Cornering Brake Control, DBC Dynamic Brake Control, rain brake support, fading compensation, hill-start assistant; optional: Dynamic Damper Control
Safety features		Fitted as standard: Airbags for driver and front seat passenger, side airbags for driver and front seat passenger, head airbags for the first and second seat row, crash-active headrests at the front, three-point automatic belts on all seats, on the front seats with pretensioners, belt-force limiters and belt stoppers, crash sensors, tyre defect indicator
Steering		EPS Electric Power Steering with Servotronic function, optional: variable sports steering
Overall steering transmission	:1	17.8
Tyres front/rear		225/60 R17 99 V
Wheels front/rear		7.5J x 17 LM

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Specifications BMW X3.

functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices Infotainment				BMW X3 sDrive18d
functions, Real Time Traffic Information, BMW TeleServices, integration of mobile devices Infotainment	BMW Connec	tedDrive		
Country-relevant info, Google search by type of business, news, weather realtime, BMW Routes, Office functions, Bluetooth audio streaming and onlinupdate of music tracks, Apps Adaptive Cornering Headlights with variable light distribution and adaptive levelling, High-beam Assistant, Park Distance Control, reversing camera with Top View, Head-up Display, speed control with braking function, Lane Departure Warning with Collision Warning, speed limit and no passing information, automatic/advanced emergency call Transmission Type 6 6-speed manual (optional: 8-speed automatic with Steptronic) Gear ratios 1 :1 2.248 (3.14* III :1 2.248 (3.14* III :1 2.248 (3.14* III :1 1.403 (2.100* IV :1 1.000 (1.66*) IV :1 0.800 (1.28* IV :1 0.800 (1.28*) IV :1 0.800 (1.28	Comfort			
Idealing. High-beam Assistant, Park Distance Control, reversing camera with Top Virew, Head-up Displays, speed control with braking function, Lane Departure Warning with Collision Warning, speed limit and no passing information, automatic/advanced emergency call Image: Part of the Control of the Cont	Infotainment			realtime, BMW Routes, office functions, Bluetooth audio streaming and online
Type	Safety			levelling, High-beam Assistant, Park Distance Control, reversing camera with Top View, Head-up Display, speed control with braking function, Lane Departure Warning with Collision Warning, speed limit and no passing
Type	Transmission			
Cear ratios				6-speed manual (optional: 8-speed automatic with Steptronic)
		ı	·1	4.110 (4.714)
III	<u> </u>			
N				
V				
VI :1 0.659 (1.000 VII :1 - (0.83) VIII :1 - (0.66) R :1 3.727 (3.29) Final Drive :1 3.462 (3.07) Performance Power-to-weight ratio (DIN) kg/kW 15.8 (16. Output per litre kW/ltr 52 Acceleration 0-100 km/h s 9.9 (10. 0-1000 m s 31.6 (33. 14th/5th gear 80-120 km/h s 8.4 / 10.8 (17. Top speed km/h 195 (19. Off-road characteristics Overhang angle front/rear o 25.7 / 22 Ramp angle o 19 Ground-clearance when mm 2 Wading depth mm 5 BMW EfficientDynamics BMW EfficientDynamics EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 5.1 (5. COopposite Itr/100 km 5.1 (5. COopposite Itr/100 km 5.5 (5. CO2 g/km 135 (14				
VII :1 -(0.83) VIII :1 -(0.66) R :1 3.727 (3.29) Final Drive :1 3.462 (3.07) Performance Power-to-weight ratio (DIN) kg/kW 15.8 (16. Output per litre kW/ltr 52 Acceleration 0-100 km/h s 9.9 (10. 0-1000 m s 31.6 (33. in 4th/5th gear 80-120 km/h s 8.4 / 10.8 (16. Top speed km/h 195 (19. Off-road characteristics				
VIII :1 -(0.66) R :1 3.727 (3.29)				
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Performance				
Performance	Einal Driva			, ,
Power-to-weight ratio (DIN) kg/kW 15.8 (16.	I mai Drive		.1	5.402 (5.017)
Output per litre kW/ltr 52 Acceleration 0-100 km/h s 9.9 (10. 0-1000 m s 31.6 (33. in 4th/5th gear 80-120 km/h s 8.4 / 10.8 (1.8 (1.8 (1.8 (1.8 (1.8 (1.8 (1.8 (1	Performance			
Acceleration 0-100 km/h s 9.9 (10.	Power-to-weigh	nt ratio (DIN)		15.8 (16.0
O-1000 m s 31.6 (33. in 4th/5th gear 80-120 km/h s 8.4 / 10.8 (Top speed km/h 195 (196 Off-road characteristics Overhang angle			kW/ltr	52.
In 4th/5th gear 80–120 km/h s 8.4 / 10.8 (Top speed km/h 195 (198 (198 (198 (198 (198 (198 (198 (198	Acceleration		S	9.9 (10.3
Top speed km/h 195 (19 Off-road characteristics Overhang angle front/rear ° 25.7 / 22 Ramp angle ° 19 Ground-clearance when mm 22 Wading depth mm 50 BMW EfficientDynamics BMW EfficientDynamics measures as standard EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100km 5.8 (5. Extra-urban Itr/100km 4.7 (5. Composite Itr/100km 5.1 (5. CO2 g/km 135 (14.		0–1000 m	S	· · · · · · · · · · · · · · · · · · ·
Off-road characteristics Overhang angle front/rear	in 4th/5th gear	80-120 km/h	S	8.4 / 10.8 (-
Overhang angle front/rear Ramp angle Ground-clearance when Wading depth BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100km 5.8 (5. Extra-urban Itr/100km 4.7 (5. Composite Itr/100km 5.1 (5. CO2 g/km 135 (14. Composite 135 (14	Top speed		km/h	195 (190
front/rear	Off-road chara	acteristics		
Ramp angle ° 19 Ground-clearance when mm 22 Wading depth mm 50 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics measures as standard EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 4.7 (5. Composite Itr/100 km 5.1 (5. CO2 g/km 135 (14.)		
Ground-clearance when mm 22' Wading depth mm 50 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics measures as standard EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100km 5.8 (5. Extra-urban Itr/100km 4.7 (5. Composite Itr/100km 5.1 (5. CO2 g/km 135 (14.	front/rear			
Wading depth mm 50 BMW EfficientDynamics BMW EfficientDynamics BMW EfficientDynamics measures as standard EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 4.7 (5. Composite Itr/100 km 5.1 (5. CO2 g/km 135 (14.	Ramp angle		0	19.
BMW EfficientDynamics BMW EfficientDynamics measures as standard EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 4.7 (5. Composite Itr/100 km 5.1 (5. CO ₂ g/km 135 (14.	Ground-clearan	ce when	mm	21:
BMW EfficientDynamics measures as standard Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 4.7 (5. Composite Itr/100 km 5.1 (5. CO2 g/km 135 (14.	Wading depth		mm	50
BMW EfficientDynamics measures as standard Brake Energy Regeneration with recuperation display, EPS (Electric Power Steering), Auto Start Stop function, gear shift indicator (manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised warm-up behaviour Fuel consumption (EU) Urban Itr/100 km 5.8 (5. Extra-urban Itr/100 km 4.7 (5. Composite Itr/100 km 5.1 (5. CO2 g/km 135 (14.	BMW Efficient	tDynamics		
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Urban ltr/100km 5.8 (5. Extra-urban ltr/100km 4.7 (5. Composite ltr/100km 5.1 (5. CO ₂ g/km 135 (14.	measures as standard			(manual transmission), ECO PRO mode, demand-controlled ancillary components, intelligent lightweight construction, final drive with optimised
Urban ltr/100km 5.8 (5. Extra-urban ltr/100km 4.7 (5. Composite ltr/100km 5.1 (5. CO ₂ g/km 135 (14.				
Extra-urban ltr/100 km 4.7 (5. Composite ltr/100 km 5.1 (5. CO ₂ g/km 135 (14.		tion (EU)	l+r/1001	E 0 /E 0
$ \begin{array}{c cccc} \text{Composite} & \text{Itr/100km} & & 5.1 (5. \\ \text{CO}_2 & \text{g/km} & & 135 (14. \\ \end{array} $				
CO ₂ g/km 135 (14				<u> </u>
5-2	<u>.</u>			· · · · · · · · · · · · · · · · · · ·
			g/km	135 (142

Technical data valid for ACEA markets/Part of registration-specific data only apply to Germany (weights, top speed) Data in parentheses apply to automatic transmission

- Height without roof aerial: 1675 mm Oil filling quantity