BMW Media Information

5/2016

valid from 7/2016

Specifications. BMW 1 Series 3 Door Hatch.

120i, 125i



		BMW 120i 3-door	BMW 125i 3-door		
Body					
No. of doors/seats		3 / 4 (5)	3 / 4 (5)		
Length/width/height ¹ (unladen)	mm	4329 / 1765 / 1421	4329 / 1765 / 1421		
Wheelbase	mm	2690	2690		
Front/rear track	mm	1535 / 1569	1521 / 1556		
Ground clearance	mm	140	140		
Turning circle	m	10.9	10.9		
	approx. I	52	52		
Engine oil capacity 2)	 	5.25	5.25		
Weight, unladen (DIN/EU)	kg	1365 / 1440	1400 / 1475		
110.g.n., a.maao (5.11.25)	9	(1375 / 1450)			
Payload (DIN)	kg	565	565		
Permitted total weight	kg	1930 (1940)	1965		
Permitted axle load, front/rear	kg	910 / 1090	920 / 1100		
Permitted trailer load (12%)	9				
braked/unbraked	kg	1500 / 680	1500 / 680		
Permitted roof load/trailer download		75/75	75 / 75		
Luggage compartment capacity		360 – 1200	360 – 1200		
Aerodynamic drag	c _x x A	0.31 x 2.14	0.32 x 2.14		
Engine					
Type/no. of cylinders/valves		in-line / 4 / 4	in-line / 4 / 4		
Engine technology		BMW TwinPower Turbo technology: twin-scroll to			
nge teee.egy	:	system High Precision Injection, fully variable valve double VANOS variable camsh	control (VALVETRONIC) and		
Effective capacity	CC	1998	1998		
Stroke/bore	mm	94.6 / 82.0	94.6 / 82.0		
Compression ratio	:1	11.0	10.2		
Fuel type		min RON 91	min RON 91		
Output	kW/hp	135 / 184	165 / 224		
at rpm	min ⁻¹	5000	5200		
Torque	Nm	290	310		
at rpm	min-1	1350 – 4250	1400 – 5000		
Electrical					
Battery charge/location	Ah/-	80 / luggage compartment	80 / luggage compartment		
Driving Dynamics and Safety					
Front suspension		Aluminium double-joint spring	strut axle		
Rear suspension		Five-link axle in lightweight steel construction w	ith double elastic bearing		
Front brakes		Single-piston floating-calliper d	isc brakes		
Rear brakes		Single-piston floating-calliper disc brakes			
Driving stability systems	Standard: DSC incl. ABS, ASC and DTC (Dynamic Traction Control),				
		CBC Cornering Brake Control, DBC Dynamic B	rake Control, brake drying		
		function, fading compensation, star			
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 with belt tensioner and belt force			
	crash sensors, tyre pressure indicator				
Steering		Electromechanical rack-and-pinion pow			
		optional: Servotronic function, Variable	e Sport Steering		
Overall steering ratio	:1	15.0	15.0		
Front/rear tyres		195/55 R16 87W	205/50 R17 91W		
Front/rear wheels		6.5J x 16 steel	7J x 17 light-alloy		

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Specifications. BMW 1 Series 3 Door Hatch.

			BMW 120i 3-door	BMW 125i 3-door
Transmission	<u> </u>			
Type of gearbo			6-speed manual	8-speed Steptronic
Type of godine	^		(optional: 8-speed Steptronic)	o opeca etopitorile
Gear ratios	1	:1	4.002 (5.000)	5.000
	l l	:1	2.130 (3.200)	3.200
	III	:1	1.396 (2.143)	2.143
	IV	:1	1.000 (1.720)	1.720
	V	:1	0.781 (1.314)	1.314
	VI	:1	0.668 (1.000)	1.000
	VII	:1	- (0.822)	0.822
	VIII	:1	- (0.640)	0.640
	R	:1	3.647 (3.456)	3.456
Differential ratio)	:1	3.385 (2.813)	2.813
Performance				
Weight-to-pow	er ratio			
(DIN unladen)		kg/kW	10.1 (10.2)	8.5
Specific power	output	kW/l	67.6	82.6
Acceleration	0–100 km/h	sec	7.1 (7.1)	6.1
in 5th gear	80-120 km/h	sec	8.5 (–)	_
iii Jiii geai			220 (225)	243
Max. speed BMW Efficient BMW Efficient	Dynamics		230 (225) e Energy Regeneration with recuperation dis	play, electric power steering
Max. speed BMW Efficien	Dynamics	Brak (El	, ,	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims ai	Dynamics led as standard botion (EU) ³⁾ Theels and tyres: 6 nd 205/50 R17 tyres	Brak (Ei op map 6.5J x 16" rims res (BMW 125	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand-regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i),	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban	Dynamics led as standard otion (EU) ³⁾ l/heels and tyres: 6 nd 205/50 R17 tyre	Brak (El op map 5.5J x 16" rims res (BMW 125 l/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand -regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ed-warm-up behaviour, tyres ance
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims a Urban Extra-urban	Dynamics led as standard botion (EU) ³⁾ wheels and tyres: 6 and 205/50 R17 tyres	Brak (El op map 5.5J x 16" rims res (BMW 125 l/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand integral and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ed-warm-up behaviour, tyres ance
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims a Urban Extra-urban Total	Dynamics led as standard botion (EU) ³⁾ wheels and tyres: 6 and 205/50 R17 tyres	Brak (El op map 5.5J x 16" rims res (BMW 125 l/100 km l/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ed-warm-up behaviour, tyres ance 7.2 4.9 5.7
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions	Dynamics led as standard Dation (EU) ³⁾ I/heels and tyres: 6 nd 205/50 R17 tyres	Brak (El op map 5.5J x 16" rims res (BMW 125 1/100 km 1/100 km 1/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance 7.2 4.9 5.7
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban Extra-urban Total CO2 emissions with 7J x 17" rim	Dynamics led as standard Dition (EU) 3) l/heels and tyres: 6 nd 205/50 R17 tyres ms and 205/50 R	Brak (El op map 5.5J x 16" rims res (BMW 125 l/100 km l/100 km g/km 17 tyres (BMW	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, rd-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres,
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban Extra-urban Total CO2 emissions with 7J x 17" rim	Dynamics led as standard Dition (EU) 3) l/heels and tyres: 6 nd 205/50 R17 tyr ms and 205/50 R2 front rims, 8J x 1	Brak (El op map 5.5J x 16" rims res (BMW 125 l/100 km l/100 km g/km 17 tyres (BMW	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims a Urban Extra-urban Total CO ₂ emissions with 7J x 17" rim with 7.5J x 17"	Dynamics led as standard Dition (EU) 3) l/heels and tyres: 6 nd 205/50 R17 tyr ms and 205/50 R front rims, 8J x 1	Brak (El op map 6.5J x 16" rims res (BMW 125 l/100 km l/100 km g/km 17 tyres (BMW 7" rear rims an	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 rear ty	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res
Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban Extra-urban Total CO2 emissions with 7J x 17" rim with 7.5J x 17" Urban	Dynamics led as standard Dition (EU) 3) wheels and tyres: 6 and 205/50 R17 tyr ms and 205/50 R front rims, 8J x 1	Brak (El op map 6.5J x 16" rims res (BMW 125 1/100 km 1/100 km g/km 17 tyres (BMW 7" rear rims an 1/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 120i), with 7.5J x 17 rims and 225/45 R 17 rid 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res 7.4 5.0
Max. speed BMW Efficient BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims a Urban Extra-urban Totau CO2 emissions with 7J x 17" rim with 7J x 17" Urban Extra-urban	Dynamics led as standard Dition (EU) 3) wheels and tyres: 6 and 205/50 R17 tyr ms and 205/50 R front rims, 8J x 1	Brak (El op map 6.5J x 16" rims res (BMW 125 1/100 km 1/100 km g/km 17 tyres (BMW 7" rear rims an 1/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), i) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) 7.20i), with 7.5J x 17 rims and 225/45 R 17 rd 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ad-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res 7.4 5.0 5.9
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Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban Extra-urban Total CO2 emissions with 7J x 17" rim urban Extra-urban Total CO2 emissions with 7.5J x 17" Urban Extra-urban Total CO3 emissions with 7.5J x 18"	Dynamics led as standard Detion (EU) 3) Wheels and tyres: 6 and 205/50 R17 tyr Ims and 205/50 R front rims, 8J x 1	Brak (Ei op map 6.5J x 16" rims res (BMW 125 1/100 km 1/100 km g/km 1/100 km 1/100 km 1/100 km 1/100 km 1/100 km 1/100 km 1/100 km 1/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand-regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), ii) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) (120i), with 7.5J x 17 rims and 225/45 R 17 rd d 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) d 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ed-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res 7.4 5.0 5.9 134 res and with winter tyres 7.4
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Max. speed BMW Efficien BMW Efficient Features includ Fuel consump with standard w 7J x 17" rims al Urban Extra-urban Total CO2 emissions with 7J x 17" rim with 7J x 17" rim consump Total CO2 emissions with 7.5J x 18" Urban Extra-urban Total CO2 emissions with 7.5J x 18" Urban Extra-urban Extra-urban Extra-urban Extra-urban Extra-urban	Dynamics led as standard Detion (EU) 3) Inheels and tyres: 6 and 205/50 R17 tyr ms and 205/50 R2 front rims, 8J x 12 front rims, 8J x 18	Brak (El op map 6.5J x 16" rims res (BMW 125 1/100 km 1/100 km g/km 17 tyres (BMW 7" rear rims an 1/100 km 1/100 km g/km 1/100 km g/km 1/100 km	te Energy Regeneration with recuperation dis PS), Auto Start Stop function, gear shift indic coasting function (automatic), intelligent lig timised aerodynamic attributes, on-demand-regulated oil pump, differential with optimize with reduced rolling resist and 195/55 R16 tyres (BMW 120i), ii) 7.6 (7.0) 4.7 (4.7) 5.7 (5.5) 131 (126) (120i), with 7.5J x 17 rims and 225/45 R 17 rd d 225/45 R17 front tyres, 245/40 R17 rear ty 8.0 (7.4) 4.9 (4.9) 6.0 (5.8) 138 (133) d 225/40 R18 front tyres, 245/35 R18 rear ty 8.1 (7.4)	play, electric power steering ator, ECO PRO mode with ntweight construction, operation of ancillary units, ed-warm-up behaviour, tyres ance 7.2 4.9 5.7 130 tyres, res 7.4 5.0 5.9

Technical data valid for ACEA countries/Some permitted weights valid only for Germany BMW 120i: Figures in brackets are for vehicles with automatic transmission

 ¹⁾ Height including roof aerial
 ²⁾ Oil change volume
 ³⁾ Fuel consumption and CO₂ emissions depend on the selected tyre format