

# Specifications.

## 320i, 325i, 330i.

Body		320i Touring	325i Touring	330i Touring
No of doors/seats		5/5	5/5	5/5
Length/width/height (unladen)	mm	4,520/1,817/1,418/1,442*	4,520/1,817/1,418/1,442**	4,520/1,817/1,418/1,442*
Wheelbase	mm	2,760	2,760	2,760
Track, front/rear	mm	1,500/1,513	1,500/1,513	1,500/1,513
Turning circle	m	11.0	11.0	11.0
Tank capacity	approx. ltr	63	63	63
Cooling system incl heating	ltr	7.5 (8.1)	8.2 (8.5)	8.2 (8.5)
Engine oil**	ltr	4.25	6.5	6.5
Transmission fluid	ltr	Lifetime	Lifetime	Lifetime
Final drive fluid	ltr	Lifetime	Lifetime	Lifetime
Weight, unladen, to EU std. <sup>1</sup>	kg	1,505 (1,535)	1,545 (1,575)	1,605 (1,630)
Max. load to DIN standard	kg	540	540	540
Max. perm weight to DIN stand	kg	1,970 (2,000)	2,010 (2,040)	2,080 (2,095)
Axle load, front/rear	kg	900/1,135	925/1,160	955/1,175
Trailer load <sup>2</sup>				
braked (12%)/unbraked	kg	1,400 (1,500)/750	1,600/750	1,700/750
Max roof load/towbar sup load	kg	75/75	75/75	75/75
Luggage comp. cap. DIN 0020	l	460–1,385	460–1,385	460–1,385
Air resistance	cd x A	0.29 x 2.11	0.30 x 2.11	0.31 x 2.11
<b>Engine</b>				
Type/No of cylinders/valves		Inline/4/4	Inline/6/4	Inline/6/4
Fuel supply		MEV9	MSV70	MSV70
Capacity, effective	cc	1,995	2,497	2,996
Stroke/bore	mm	90.0/84.0	78.8/82	88.0/85.0
Compression ratio	:1	10.5	11.0	10.7
Fuel		RON 91–98	RON 91–98	RON 91–98
Max output	kW/bhp	110/150	160/218	190/258
at engine speed	rpm	6,200	6,500	6,600
Max torque	Nm/lb-ft	200/147	250/184	300/221
at engine speed	rpm	3,600	2,750–4,250	2,500–4,000
<b>Electrical System</b>				
Battery/installation	Ah/–	46/luggage comp.	70/luggage comp.	70/luggage comp.
Alternator	A/W	110/1,540	155/2,170 (180/2,520)	155/2,170 (180/2,520)
<b>Chassis and Suspension</b>				
Suspension, front		Double-joint spring strut axle with displaced caster; small positive steering roll radius; Compensation of transverse forces; reduction of brake dive		
Suspension, rear		Five-arm rear axle in lightweight steel construction		
Brakes, front		Single-piston swing-calliper disc brakes/vented		
Diameter	mm	300 x 24	300 x 24	330 x 24
Brakes, rear		Single-piston swing-calliper disc brakes/vented		
Diameter	mm	300 x 20	300 x 20	336 x 22
Driving stability systems		ABS, traction control (ASC+T), wheel-specific electronic brake force distribution (EBFD, CBC), driving stability system (DSC), electronic differential lock (EDL), emergency brake recognition (DBC)		
Steering		Rack-and-pinion power steering; 3.0 turns from lock to lock		
Overall steering transm. ratio	:1	16.0:1	16.0:1	16.0:1
Type of transmission		Six-speed manual gearbox (six-spced automatic transmission)		
Gear ratios	1 <sup>st</sup>	:1 4.323 (4.171)	4.323 (4.171)	4.350 (4.171)
	2 <sup>nd</sup>	:1 2.456 (2.340)	2.456 (2.340)	2.496 (2.340)
	3 <sup>rd</sup>	:1 1.659 (1.521)	1.659 (1.521)	1.665 (1.521)
	4 <sup>th</sup>	:1 1.230 (1.143)	1.230 (1.143)	1.230 (1.143)
	5 <sup>th</sup>	:1 1.000 (0.867)	1.000 (0.867)	1.000 (0.867)
	6 <sup>th</sup>	:1 0.,848 (0.691)	0.848 (0.691)	0.851 (0.691)
	Rev	:1 3.938 (3.403)	3.938 (3.403)	3.926 (3.403)
Final drive ratio	:1	3.38 (3.91)	3.23 (3.73)	3.15 (3.64)
Tyres		205/55 R16 91V RSC	205/55 R16 91W RSC	225/45 R17 91Y RSC
Rims		7J x 16 LM	7J x 16 LM	8J x 17 LM
<b>Performance</b>				
Power-to-weight ratio, DIN	kg/kW	13.0 (13.3)	9.2 (9.4)	8.1 (8.2)
Output per litre	kW/bhp	55.1/74.9	64.1/87.2	63.4/86.2
Acceleration 0–100 km/h	sec	9.4 (10.2)	7.2 (7.9)	6.0 (6.8)
80–120 km/h in 4 <sup>th</sup> gear	sec	9.6 (–)	7.9 (–)	6.9 (–)
Top speed	km/h	218 (213)	243 (240)	250
<b>Fuel Consumption EU Cycle</b>				
Urban	ltr/100 km	10.8 (11.3)	12.4 (13.2)	12.8 (13.3)
Extra-urban	ltr/100 km	5.7 (6.3)	6.4 (6.9)	6.6 (7.0)
Composite	ltr/100 km	7.6 (8.1)	8.6 (9.2)	8.9 (9.3)
CO <sub>2</sub>	g/km	182 (196)	208 (222)	214 (224)
<b>Miscellaneous</b>				
Emission standard		EU 4	EU4	EU 4

\*Height with roof aerial (with roof railing: 1,450 mm).

\*\*Oil change.