

Technical Data E 320

Model	E 320 (124 032) E 320 Coupé (124 052) ¹
Engine	104
Mode of operation	4-stroke engine, gasoline injection
No. of cylinders	6
Bore	3.54 in (89.90 mm)
Stroke	3.30 in (84.00 mm)
Total piston displacement	195.2 cu.in. (3199 cm ³)
Compression ratio	10.0
Output acc. to SAE J 1349	217 hp/5500 rpm (162 kW/5500 rpm)
Maximum torque acc. to SAE J 1349	229 ft-lb/3750 rpm (310 Nm/3750 rpm)
Maximum engine speed	6400 rpm
Firing order	1-5-3-6-2-4
Poly-V-belt	2445 mm

Electrical System

Generator (alternator)	
USA	14 V/90 A
Canada	14 V/120 A
Starter motor	12 V/1.7 kW
Battery	12 V/62 Ah
Spark plugs	Bosch F 9 DCO Beru 14 F-9 DUO Champion C 12 YCC
Electrode gap	0.032 in (0.8 mm)
Tightening torque	15 – 22 ft.lb. (20 – 30 Nm)
Weights	See certification tag
Roof load max.	100 kg (220 lb)
Trunk load max.	100 kg (220 lb)

¹ The quoted data apply only to the standard vehicle. See an authorized Mercedes-Benz dealer for the corresponding data of all special bodies and special equipment.

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Rims – Tires

Standard model (without Sportline option):

Rims (light alloy rims)	6 ¹ / ₂ J x 15 H 2
Wheel offset	1.7 in (44 mm)
Summer tires: Radial-ply tires	195/65 R 15 91 H
Winter tires: Radial-ply tires	195/65 R 15 91 T M + S

Sportline model:

Rims (light alloy rims)	7 J x 15 H 2
Wheel offset	1.6 in (41 mm)
Summer tires: Radial-ply tires	205/60 ZR 15
Winter tires: Radial-ply tires	205/60 R 15 91 H M + S

or:

Rims (light alloy rims)	6 ¹ / ₂ J x 15 H 2
Wheel offset	1.7 in (44 mm)
Winter tires: Radial-ply tires	195/65 R 15 91 T M + S

Main Dimensions E 320

Overall vehicle length	187.2 in (4755 mm)
Overall vehicle width	68.5 in (1740 mm)
Overall height	56.3 in (1431 mm)
Wheel base	110.2 in (2800 mm)
Track, front	59.1 in (1501 mm)
Track, rear	58.7 in (1491 mm)

Main Dimensions E 320 Coupé

Overall vehicle length	183.9 in (4670 mm)
Overall vehicle width	68.5 in (1740 mm)
Overall height	54.9 in (1395 mm)
Wheel base	106.9 in (2715 mm)
Track, front	59.1 in (1501 mm)
Track, rear	58.7 in (1491 mm)