

Technical Data

Model	E 320 CABRIOLET (124 066) 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
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

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.

Rims – Tires

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

Electrical System

Alternator	14 V/90 A
Starter motor	12 V/1.7 kW
Battery	12 V/100 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)

Fuels, Coolants, Lubricants etc. - Capacities

Vehicle components and their respective lubricants must match. Therefore use only brands tested and recommended by us. Please refer to the Factory Approved Service Products pamphlet, or inquire at your authorized Mercedes-Benz dealer.

	Capacity	Fuels, coolants, lubricants etc.
Engine with oil filter	7.9 US qt (7.5 l)	Recommended engine oils
Automatic transmission	Initial fill: 7.7 US qt (7.3 l) Fluid change: 6.6 US qt (6.2 l)	Automatic transmission fluid
Rear axle	1.4 US qt (1.3 l)	Hypoid gear oil SAE 90, 85 W 90
Power steering	1.1 US qt (1.0 l)	MB Power steering fluid
Front wheel hubs	approx. 2.1 oz (60 g) each	High temperature roller bearing grease
Accelerator control linkage		Hydraulic fluid
Brake reservoir	approx. 0.5 US qt (0.5 l)	MB Brake fluid (DOT4)