

Technical Data 420 SEL

Model	420 SEL (126 035) ¹
Engine	116
Mode of operation	4-stroke engine, gasoline injection
No. of cylinders	8
Bore	92.00 mm (3.62 in)
Stroke	78.90 mm (3.11 in)
Total piston displacement	4196 cm ³ (256.1 cu.in.)
Compression ratio	9.0
Output acc. to SAE J 1349	150 kW/5200 rpm (201 hp/5200 rpm)
Maximum torque acc. to SAE J 1349	310 Nm/3600 rpm (228 ft-lb/3600 rpm)
Maximum engine speed	6000 rpm
Firing order	1-5-4-8-6-3-7-2
V-belts:	
Water pump – fan – power steering pump 2 V-belts	9.5 x 1100 mm
Alternator	9.5 x 990 mm
Air conditioning	12.5 x 960 mm
Air pump	9.5 x 750 mm

Rims – Tires

Rims (light alloy rims)	6 1/2 J x 15 H 2
Wheel offset	21.5 mm (0.8 in)
Summer tires:	
Radial-ply tires	205/65 R 15 94 V
Winter tires:	
Radial-ply tires	205/65 R 15 94 T M + S

Electrical System

Alternator	14 V/80 A
Starter motor	12 V/1.5 kW
Battery	12 V/92 Ah
Spark plugs	Bosch W 8 DC Bosch W 8 DCO Bosch W 8 DP Beru 14-8 DU Beru 14-8 DPU Champion N 11 YC Champion N 11 YCC
Electrode gap	0.8 mm (0.032 in)

- 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.

Technical Data 420 SEL

Weights	See certification tag
Roof load max.	100 kg (220 lb)
Trunk load max.	100 kg (220 lb)

Main Dimensions

Overall vehicle length	5285 mm (208.1 in)
Overall vehicle width	1820 mm (71.7 in)
Overall height	1441 mm (56.7 in)
Wheel base	3075 mm (121.1 in)
Track, front	1562 mm (61.5 in)
Track, rear	1534 mm (60.4 in)

Technical Data 560 SEL, 560 SEC

Model	560 SEL (126 039) ¹ 560 SEC (126 045) ¹
Engine	117
Mode of operation	4-stroke engine, gasoline injection
No. of cylinders	8
Bore	96.50 mm (3.80 in)
Stroke	94.80 mm (3.73 in)
Total piston displacement	5547 cm ³ (338.5 cu.in.)
Compression ratio	9.0
Output acc. to SAE J 1349	178 kW/4800 rpm (238 hp/4800 rpm)
Maximum torque acc. to SAE J 1349	390 Nm/3500 rpm (287 ft-lb/3500 rpm)
Firing order	1-5-4-8-6-3-7-2
Maximum engine speed	6000 rpm
V-belts:	
Water pump – fan – power steering pump 2 V-belts	9.5 x 1110 mm
Alternator	9.5 x 1005 mm
Air conditioning	12.5 x 960 mm
Air pump	9.5 x 750 mm

Rims – Tires

Rims (light alloy rims)	6½ J x 15 H 2
Wheel offset	21.5 mm (0.8 in)
Summer tires:	
Radial-ply tires	205/65 R 15 94 V
Winter tires:	
Radial-ply tires	205/65 R 15 94 T M + S

Electrical System

Alternator	14 V/80 A
Starter motor	12 V/1.5 kW
Battery	12 V/92 Ah
Spark plugs	Bosch W 9 DC Bosch W 9 DCO Bosch W 9 DP Beru 14-9 DU Beru 14-9 DPU Champion N 12 YC Champion N 12 YCC
Electrode gap	0.8 mm (0.032 in)

- 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.

Technical Data 560 SEL, 560 SEC

Weights	See certification tag
Roof load max.	100 kg (220 lb)
Trunk load max.	100 kg (220 lb)

Main Dimensions 560 SEL

Overall vehicle length	5285 mm (208.1 in)
Overall vehicle width	1820 mm (71.7 in)
Overall height	1431 mm (56.3 in)
Wheel base	3075 mm (121.1 in)
Track, front	1562 mm (61.5 in)
Track, rear	1534 mm (60.4 in)

Main Dimensions 560 SEC

Overall vehicle length	5060 mm (199.2 in)
Overall vehicle width	1828 mm (72.0 in)
Overall height	1397 mm (55.0 in)
Wheel base	2850 mm (112.2 in)
Track, front	1562 mm (61.5 in)
Track, rear	1534 mm (60.4 in)