## 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 cm³ (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) | 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 8 DC<br>Bosch W 8 DCO<br>Bosch W 8 DP<br>Beru 14-8 DU<br>Beru 14-8 DPU<br>Champion N 11 YC<br>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]<br>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<br>Bosch W 9 DCO<br>Bosch W 9 DP<br>Beru 14-9 DU<br>Beru 14-9 DPU<br>Champion N 12 YC<br>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) |