

# 350 SL

The 350 SL continues the renowned line of the Mercedes-Benz SL series, which have become world-famous for several decades. Its concept, a combination of the more dominant features of a sports car such as performance and road holding, together with standards of comfort and luxury usually found only in a saloon, make it a highly individual car. Power unit is the 3.5 litre V8, producing 195 DIN/hp (143 kW) and giving 0-60 acceleration in 9.5 seconds and a top speed of 127 mph. Automatic transmission, power-assisted steering and front and rear fog lamps are standard.



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## Basic Equipment

### Engine

V8 engine with fuel injection and transistorised ignition. 195 DIN/hp at 5,500 rpm, 143 kW at 5,500 rpm.

### Transmission

Automatic 3-speed transmission with torque converter and floor shift. Optional: Four-speed synchromesh manual transmission.

### Axles

Front axle: double wishbones with anti-dive control. Rear axle: diagonal swing axle.

### Suspension

On both front and rear axle two coil springs, one anti-roll bar, two double-action hydraulic telescopic shock absorbers.

### Brakes

Dual-circuit power braking system; disc brakes all round; ventilated brake discs at the front; rims with turbo blades for additional cooling. Parking brake with extra brake shoes and brake drums; indicator lamp for the functioning of both brake circuits. Warning light for front brake pad wear.

### Steering

Precise, light Mercedes-Benz power-assisted steering; large padded steering wheel boss; impact absorber under the padded boss; steering column "telescopes" on impact; steering box located well behind the front axle.

### Bodywork

Frame-floor unit firmly welded to the body; doors easy to close; detachable hard top, retractable soft top; two children's seats in the rear optional extra; fuel tank over rear axle; impact-absorbing front and rear sections; good all-round vision; panoramic safety glass windows.

### Seats

Seating anatomically contoured, firmly anchored, shaped to give hip support; seat springing, vehicle suspension and sitting position carefully co-ordinated; seats adjustable forwards and backwards; infinitely adjustable backrest; backrest locking device; headrests fitted on both seats.

### Heating and ventilation

Continuous warm or cold air flow, dust and draught free, with additional blower for windscreen, side windows and footwells. Air volume and air distribution for warm and cold air infinitely variable up and down. Heating controlled separately for right and left sides. Infinitely adjustable, wide-range spherical vents for warm and cold air on the right and left of the dashboard. Cold air openings in the middle of the dashboard, infinitely adjustable to right and left. Air ducts for warm or cold air in both doors. Continuous extraction of stale air through slits beneath the rear windscreen. Heated rear window.

### Windscreen

Laminated safety glass; electrically operated windscreen washer unit; two-speed windscreen wipers operated by the combination switch on the steering column; combination switch also includes intermittent control for the wipers.

### Lighting system

Halogen headlights, high and asymmetric low beam, halogen fog lamps; side lights, reversing lights, standard rear fog lamps, integrated in the rear light unit, with extra switch and control lamp on the main light switch. Infinitely variable instrument lighting; floor level light with door contacts and hand switch; map reading light; lighting for boot, heater control knob and glove compartment; the light for the glove compartment is a removable torch, the battery of which is charged via the electric wiring system.

### Instruments

Instrument panel padded, yields under impact; speedometer; oil pressure gauge, fuel gauge; water temperature gauge; warning lights for parking brake, ignition, indicators, high-beam, brake pad wear and fuel reserve; quartz-controlled clock; mileage recorder; daily mileage recorder. Rev counter standard.

### Signalling system

Headlamp flasher; self-cancelling indicators with fingertip contact for overtaking, operated by the combination switch on the steering column; high frequency horn; brake lights; hazard warning system.

### Locks

Safety locks on doors; lockable glove compartment; luggage compartment lock; steering wheel lock, combined with ignition lock, starter and starter non-repeat unit. Master key for doors, ignition lock, glove compartment, filler cap and boot. Second key only for doors, ignition lock and fuel tank (one key system).

### Miscellaneous

Outside mirror adjustable from inside the car; oddments tray between the seats; pockets on doors; glove compartment; rear-view mirror, adjustable to anti-glare position; padded sun visors, with make-up mirror on passenger side; padded armrests on doors; cigar lighter; ashtray at the front in the centre console; front floor, rear floor and tunnel covered with carpet; towing lugs front and rear; warning triangle.

The contents are not binding and the right of modification is reserved.





**1** The heating and ventilation systems – giving draught-free cold and warm air circulation – can be individually adjusted by means of levers in the centre console. With 5 adjustable spherical vents in the dashboard the air flow can be directed as desired.

**2** The horizontally arranged halogen headlights received the highest ratings in tests and comparisons. The fog lamps are standard equipment. Headlight wipers are an optional extra.

**3** The burst-proof locks increase internal safety – doors do not burst open during an accident. The rounded-off shape of the door handles benefits external safety.

**4** 3.5 litre V8 engine with fuel injection and transistorised ignition. This sophisticated high-performance engine is suited both for leisurely cruising and for speedy adjustment to fast-changing traffic situations.

**5** The dual-circuit power brake system includes disc brakes on all wheels. The front brake discs are internally ventilated.



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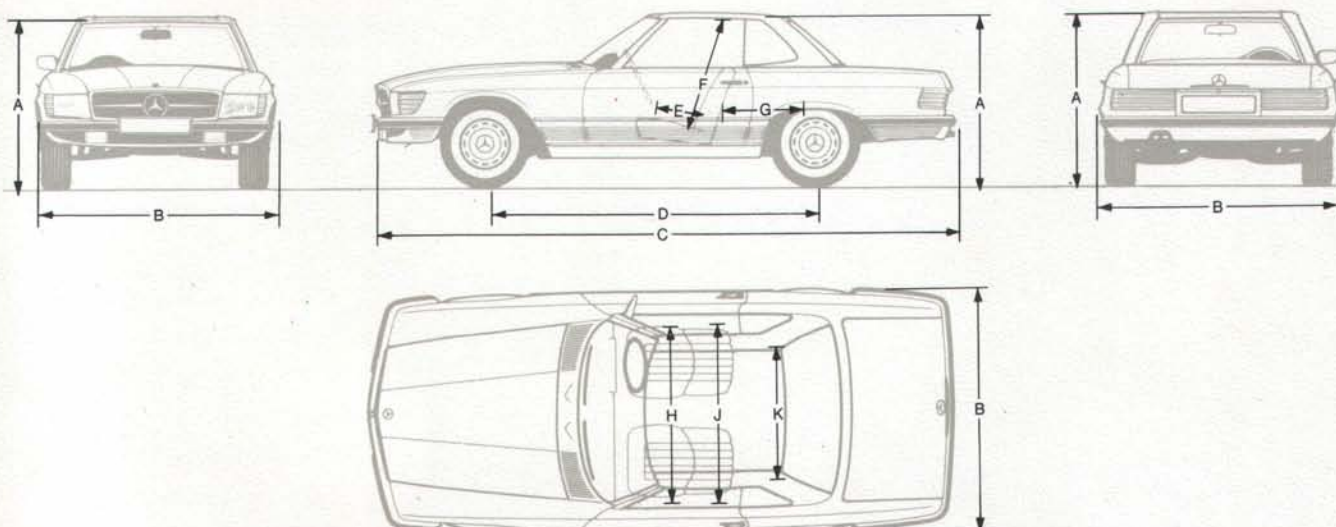
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## Technical Data

|                                                      |                                                                       |
|------------------------------------------------------|-----------------------------------------------------------------------|
| Number of cylinders                                  | 8                                                                     |
| Bore/Stroke                                          | 92/65.8 mm 3.62/2.59 ins.                                             |
| Total displacement                                   | 3499 c.c. 213.6 cu. ins.                                              |
| Engine output acc. to DIN <sup>1)</sup>              | 195 DIN/hp at 5,500 rpm<br>143 kW at 5,500 rpm                        |
| Max. torque acc. to DIN <sup>1)</sup>                | 28.0 mkp at 4,000 rpm<br>275 Nm at 4,000 rpm                          |
| Compression ratio                                    | 9.0:1                                                                 |
| Oil capacity<br>crankcase max./min.                  | 7.5/5.5 litres 13.2/9.7 Imp. pts.                                     |
| Capacity of cooling system                           | 14.3 litres 25.2 Imp. pts.                                            |
| Generator                                            | 14 V/55 A                                                             |
| Battery                                              | 12 V/66 Ah                                                            |
| Max. speed                                           | approx. 205 kph<br>approx. 127 mph                                    |
| Tyres                                                | 205/70 VR 14                                                          |
| Fuel                                                 | Premium                                                               |
| Fuel consumption<br>acc. to DIN 70 030 <sup>2)</sup> | 13.0 litres/100 km<br>22 m.p. Imp. gal.                               |
| Tank capacity<br>incl. reserve                       | 90 litres approx. 19.8 Imp. gals.<br>13 litres approx. 2.9 Imp. gals. |
| Weights                                              |                                                                       |
| Kerb weight <sup>3)</sup>                            | 1540 kg                                                               |
| Permissible total weight                             | 1960 kg                                                               |
| Trailer load with brake <sup>4)</sup>                | 1200 kg                                                               |
| Trailer load without brake <sup>4)</sup>             | 750 kg                                                                |

|                                                            |                        |                        |
|------------------------------------------------------------|------------------------|------------------------|
| A Overall height, unladen                                  | 1290 mm                | 50.8 ins.              |
| B Overall width                                            | 1790 mm                | 70.5 ins.              |
| C Overall length                                           | 4390 mm                | 172.8 ins.             |
| D Wheelbase                                                | 2460 mm                | 96.9 ins.              |
| E Steering wheel –<br>driver's seat backrest <sup>5)</sup> | 488 mm                 | 19.2 ins.              |
| F Seat height, unladen                                     | 928 mm                 | 36.5 ins.              |
| G Driver's backrest –<br>rear panel <sup>5)</sup>          | 480 mm                 | 18.9 ins.              |
| H Overall seat width                                       | 1310 mm                | 51.6 ins.              |
| J Width at shoulder height                                 | 1348 mm                | 53.1 ins.              |
| K Width rear compartment                                   | 970 mm                 | 38.2 ins.              |
| Track width, front                                         | 1452 mm                | 57.2 ins.              |
| Track width, rear                                          | 1440 mm                | 56.7 ins.              |
| Turning circle diameter                                    | 10.34 m                | 33.9 ft.               |
| Boot space                                                 | approx.<br>0.26 cu. m. | approx.<br>9.2 cu. ft. |

<sup>5)</sup> Dimensions vary according to sitting position.



<sup>1)</sup> The output given in DIN/hp or kW is effectively available at the clutch for driving the vehicle, any other power consumption has already been deducted. The data given in SI units (kW = kilowatt, Nm = Newton metre) has been converted and rounded off to the nearest unit.

<sup>2)</sup> Technical data acc. to DIN 70 020 and 70 030. Fuel consumption according to DIN 70 030. This value is obtained at a consistent speed of 110 kph (68 mph) on an even road, plus 10%. This method is used by all automobile manufacturers in the Federal Republic of Germany. The consumption values quoted are therefore calculated under the same conditions and provide a real

basis for comparison. However, they do not correspond to the actual amount of fuel consumed, as this varies according to the way of driving, road and climatic conditions, etc. Fuel consumption according to DIN 70 030 is therefore only a comparative value and not the actual amount of fuel consumed.

<sup>3)</sup> The figure for kerb weight applies to standard version vehicles. Special equipment increases this figure.

<sup>4)</sup> The weights quoted are maximum weights, valid within the Federal Republic of Germany.

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