

Technical Data 280 SE

Type 280 SE (116 024) ¹

Engine

Engine 110
 Mode of operation 4-stroke engine,
 gasoline injection
 No. of cylinders 6
 Bore 3.39 ins. (86 mm)
 Stroke 3.10 ins. (78.8 mm)
 Total piston displacement 167.6 cu. ins. (2,746 cm³)
 Compression ratio 8
 Output according to SAE:
 Federal 142 net bhp
 California 137 net bhp
 Max. engine speed 6,500 rpm
 Valve clearance } Intake ... 0.004 in. (0.10 mm)
 (cold engine) } Exhaust .. 0.010 in. (0.25 mm)
 Firing order 1-5-3-6-2-4

V-belts:

Water pump-fan-alternator ... 9.5 x 960 mm
 Power steering 12.5 x 818 mm
 Air conditioning 12.5 x 1,285 mm
 Air pump 9.5 x 825 mm

Transmission

Design Automatic four-speed
 torque-converter
 transmission

Steering System

Design Power steering

Rims — Tires

Rims, light alloy 6 J x 14 H 2
 Summer tires:
 Radial-ply tires 185 HR 14
 Winter tires:
 Radial-ply tires 185 SR 14 M + S

¹ The quoted data apply only to the standard vehicle. See a MERCEDES-BENZ service station for the corresponding data of all special bodies and special equipment.

Electrical System

3-phase alternator	14 V/55 A
Starter motor	12 V/1.4 H.P.
Battery	12 V/55 Ah
Spark plugs	see "last page"

Bulbs

High and low beams	12 V
Turn signal, clearance and side marker lights, front	Sealed beam insert No. 1 and 2
Fog lights	21/5 W (32/4 cp) H 3
Stop lights	21 W (32 cp)
Turn signal lights, rear	21 W (32 cp)
Side marker lights, rear	5 W festoon lamp
Tail and standing lights	5 W (4 cp)
Backup lights	21 W (32 cp)
License plate lights	5 W festoon lamp
Interior lights	10 W festoon lamp
Reading lights, rear	4 W (2 cp)
Trunk light	10 W festoon lamp
Glove compartment light	5 W festoon lamp

Weights

See certification tag

Main Dimensions

Overall vehicle length	205.5 ins. (5,220 mm)
Overall vehicle width	73.6 ins. (1,870 mm)
Overall height (unloaded)	56.1 ins. (1,425 mm)
Wheel base	112.8 ins. (2,865 mm)
Track, front	59.9 ins. (1,521 mm)
Track, rear	59.3 ins. (1,505 mm)

