

## 250 SE Coupe



Description: 111.021

Model: W 111 / III A

production start-up pre-production series / standard production - end of production

Production: 08.1965 / 09.1965 - 12.1967

### Specifications

#### Engine

Starter: electrical / 0.8 hp

Battery: 55 Ah / in the engine compartment

Engine type: M 129 I / 129.980

Bore x Stroke: 82 x 78.8 mm

Rated torque: 22.0 mkg at 4200 rpm

Electric system: 12 V

Fuel system: manifold-injection, mechanically controlled;~Bosch 6-plunger injection pump

Generator: three-phase AC / 490 W

Total displacement: 2496 cc (tax classification: 2470 cc)

Fuel tank: position / capacity: in the rear / 82 l

Fuel supply: electric delivery pump

Cooling: water cooling / pump; 11.4 l water

Crankshaft bearings: 7

Rated output: 150 hp at 5500 rpm

Combustion principle: four-stroke Otto (with manifold-injection)

Configuration: front, longitudinal; vertical

Camshaft drive: double roller chain

Lubrication: pressure circulation lubrication / 5.5 l oil

Number of valves / arrangement: 1 intake, 1 exhaust / overhead

Valve operation: overhead camshaft

Compression ratio: 9.3; from 09.1966: 9.5

Ignition: battery ignition

Number of cylinders / 6 / in line  
arrangement:

#### Chassis and Drivetrain

Driven wheels:	rear wheels
Diameter of brake discs and/or brake drums:	brake discs front / rear: 273 / 279 mm
Rear springs:	coil springs
Front springs:	coil springs, torsion bar stabilizer
Wheel rims:	drop center rim 6 J x 14 HB
Brake system (foot brake):	hydraulic dual-circuit brake system with vacuum booster, acting on front- and rear wheels; four-wheel disc brakes
Parking brake (hand brake):	mechanical, acting on rear wheels
Rear-wheel suspension:	single-joint swing axle with hydropneumatic compensating spring and level control
Drivetrain:	divided cardan shaft
Steering ratio:	22.8:1 / 4.1 turns lock-to-lock (power steering: 17.2:1 / 3.2)
Steering:	recirculating-ball steering (power steering optional)
Wheels:	sheet-steel wheels
Frame design:	floor assembly / steel unit body
Tires:	7.35 H 14 or 185 H 14
Shock absorber front/rear:	telescopic shock absorbers
Front-wheel suspension:	double wishbone

## Transmission and Performance

Final drive ratio:	3.92
Comments:	acceleration by shifting through from 0 - 100 km/h (2 occupants)
Acceleration 0-100 km/h:	11.8 s
Transmission type:	change-speed gear
Gearing:	4-speed manual transmission
Clutch:	dry single-disc clutch
Shifting:	central floor gear shift lever
Synchromesh gears:	I - IV
Gear ratios:	I: 4.05; II: 2.23; III: 1.40; IV: 1.0; R: 3.58
by Guideline:	DIN 70030: consumption, determined at 3/4 of top-speed (not more than 110 km/h), plus 10 %
Fuel consumption:	11.7 l
Availability:	as standard
Maximum speed:	190 km/h

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Final drive ratio:	3.92
Comments:	acceleration by shifting through from 0 - 100 km/h (2 occupants)
Acceleration 0-100 km/h:	12 s
Transmission type:	planetary gear
Gearing:	4-speed automatic transmission
Clutch:	hydraulic coupling
Shifting:	steering-column selector or central floor selector lever

Gear ratios: I: 3.98; II: 2.52; III: 1.58; IV: 1.0; R: 4.15

by Guideline: DIN 70030: consumption, determined at 3/4 of top-speed (not more than 110 km/h), plus 10 %

Fuel consumption: 11.7 l

Availability: optional

Maximum speed: 185 km/h

## Dimensions and Weights

Width: 1845 mm

Height: 1420 mm

Length: 4880 mm

by Guideline: DIN 70020 (ready to drive, including fuel, spare wheel and tool kit)

Payload: 470 kg

Wheelbase: 2750 mm

Front / rear track: 1482 / 1485 mm

Kerb weight: 1490 kg

Turning circle diameter: 11.8 m

Gross weight: 1960 kg

Gross axle weight, rear: 1070 kg

Gross axle weight, front: 890 kg

Permissible trailer weight, braked: 1200 kg

Permissible trailer weight, unbraked: 750 kg

## General Data

Prices: 08.1965: DM 24,350.00  
04.1966: DM 24,950.00

Units produced: 5,259

Auflösung des Ausgabegerätes: 72 x 72  
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