

1979 Mercedes-Benz 280 SE Automatic {W 126}

User Manual

Bodywork

Type 4/5S SAL

Doors 4

Engine information

Bore × stroke 86.00 mm × 78.80 mm 3.39 in × 3.1 in

Cylinders S-6

Displace 2.7 litre 2746 cc (167.571 cu in)

Engine type DOHC

Valves 2 valves per cylinder | 12 valves in total

Engine construction

Sump Wet sumped

Compression ratio 9.00:1

Fuel system Bosch K-Jetronic fuel injection

Maximum power 184.5 PS (182.0 bhp) (135.7 kW) @ 5800 rpm

0-50 mph

0-60 mph

0-100 mph

0-100 km/h 10.80 s

80 - 120 km/h

402 m (Quarter mile)

Standing km

Top speed 205 km/h (127 mph)

Fuel consumption 9.4/11.7/16.8 l/100km 90 km/h / 120 km/h / urban as per 80/1268/EEC

CO2 emissions

Power to weight ratio

Specific output

Maximum torque 240.0 Nm (177 ft·lb) (24.5 kgm) @ 4500 rpm

Bmep 1098.3 kPa (159.3 psi)

Specific torque 87.4 Nm/litre

Maximum rpm

Code M 110 E 28 / 110.987

Main bearings 7

Coolant	Water
Bore / stroke ratio	1.09
Unitary capacity	457.67 cc/cylinder
Aspiration	Normal
Compressor type	N/A
Intercooler	None
Catalytic converter	N

Dimensions and weight

Wheelbase	2935 mm
Wheelbase	115.6 in
Length (millimeters)	4995 mm
Length (inches)	196.7 in
Width (millimeters)	1820 mm
Width (inches)	71.7 in
Height (millimeters)	1430 mm
Height (inches)	56.3 in
L:W ratio	1.7
Ground clearance (millimeters)	
Ground clearance (inches)	
Kerb weight (kilograms)	
Kerb weight (pounds)	
Weight distribuiton	
Fuel capacity (litres)	90 litres
Fuel capacity (UK Ga)	19.8 UK Ga
Fuel capacity (US Gal)	23.8 US Gal

Aerodynamics

Drag coefficient	0.360
Frontal area	
Cx	

Chassis

Engine location	Front
Engine alignment	Longitudinal
Drive	RWD
Steering	recirculating ball PAS
Turns lock-to-lock	2.750

Turning circle

Tyres 195/70 VR 14

Wheels 6½J x 14 H 2

Brakes F/R VeDi/Di-S

Brake ? 278 mm

Braked area

Transmission 4A

Top gear ratio 1.00

Final drive ratio 3.46

General information

RAC rating 27.5

Number made

Model code W 126 E 28

Model family W 126

Insurance classification No information available

Tax band No information available