

1967 Mercedes-Benz 250 5-speed {W 114}

User Manual

Bodywork

Type 4/5S SAL

Doors 4

Engine information

Bore × stroke	82.00 mm × 78.80 mm 3.23 in × 3.1 in
Cylinders	S-6
Displace	2.5 litre 2496 cc (152.315 cu in)
Engine type	SOHC
Valves	2 valves per cylinder 12 valves in total
Engine construction	
Sump	
Compression ratio	9.00:1
Fuel system	2 Ze 35/40 INAT carbs
Maximum power	
0-50 mph	
0-60 mph	
0-100 mph	
0-100 km/h	12.80 s
80 - 120 km/h	
402 m (Quarter mile)	
Standing km	
Top speed	180 km/h (112 mph)
Fuel consumption	
CO2 emissions	
Power to weight ratio	93.09 bhp/ton
Specific output	
Maximum torque	
Bmep	1001.9 kPa (145.3 psi)
Specific torque	79.73 Nm/litre
Maximum rpm	
Code	M 114 V 25 / 114.920
Main bearings	7

Coolant	Water
Bore / stroke ratio	1.04
Unitary capacity	416 cc/cylinder
Aspiration	Normal
Compressor type	N/A
Intercooler	None
Catalytic converter	N

Dimensions and weight

Wheelbase	2750 mm
Wheelbase	108.3 in
Length (millimeters)	4680 mm
Length (inches)	184.3 in
Width (millimeters)	1770 mm
Width (inches)	69.7 in
Height (millimeters)	1440 mm
Height (inches)	56.7 in
L:W ratio	1.7
Ground clearance (millimeters)	
Ground clearance (inches)	
Kerb weight (kilograms)	1375 kg
Kerb weight (pounds)	3031 lb
Weight distribuiton	
Fuel capacity (litres)	65 litres
Fuel capacity (UK Ga)	14.3 UK Ga
Fuel capacity (US Gal)	17.2 US Gal

Aerodynamics

Drag coefficient	
Frontal area	
Cx	

Chassis

Engine location	Front
Engine alignment	Longitudinal
Drive	RWD
Steering	recirculating ball PAS
Turns lock-to-lock	4.600

Turning circle	10.90 m
Tyres	175 H 14
Wheels	5.5J x 14 HB
Brakes F/R	Di/Di-S
Brake ?	273 mm
Braked area	
Transmission	5M
Top gear ratio	0.87
Final drive ratio	4.08

General information

RAC rating	25.0
Number made	
Model code	W 114 V 25
Model family	W 114
Insurance classification	No information available
Tax band	No information available