

Technical data**Macan**

Engine	
Type	Four-cylinder inline engine with turbocharger (R4); with gasoline particulate filter (GPF)
Number of cylinders	4
Valves/cylinders	4
Displacement	1,984 cm ³
Bore	82.5 mm
Stroke	92.8 mm
Maximum power output	180 kW (245 hp)
At engine speed	5,000 – 6,750 rpm
Maximum torque	370 Nm
At engine speed	1,600 – 4,500 rpm
Maximum power output per litre	90.7 kW/l (123.5 hp/l)
Compression ratio	9.6:1
Maximum engine speed	6,800 rpm
Cooling system	Water cooling, thermal management with control thermostat
Valve control	Rocker arm; camshaft timing (intake & exhaust); valve lift adjustment on the exhaust side

The technical data may vary from country to country

Technical data**Macan****Power transmission**

Powertrain	Porsche Traction Management (PTM): Active all-wheel drive with electronically regulated, map-controlled multi-plate clutch, variable torque distribution between front and rear axle	
Transmission	Seven-speed dual-clutch transmission (PDK)	
Transmission ratio		
	1 st gear	3.69
	2 nd gear	2.15
	3 rd gear	1.41
	4 th gear	1.03
	5 th gear	0.79
	6 th gear	0.63
	7 th gear	0.52
	Reverse gear	2.94
	Rear axle ratio	4.67

Chassis

Suspension and damping	Steel suspension and double-acting, hydraulic gas-filled vibration dampers; optional Porsche Active Suspension Management (PASM) with continuous damper adjustment and three programs; optional air suspension including PASM	
Front axle	Independent suspension with five-link aluminium front axle with separated wishbones at top and bottom	
Rear axle	Independent suspension with aluminium trapezoidal link at the bottom, aluminium link at the top and tie rod	
Steering	Electromechanical power steering	
Steering ratio	14.3:1 (central position)	
Steering wheel diameter	375 mm	
Turning circle diameter	11.96 m	
Vehicle stability system	Porsche Stability Management (PSM) with ABS, ASR, ABD, EDTC and Trailer Stability Management	

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Brakes

Brake system	Four-piston aluminium monobloc fixed-calliper brakes at the front, combination floating-calliper brakes at the rear; electric parking brake
Brake discs on front axle	Grey cast iron, internally vented
Diameter	345 mm
Thickness	30 mm
Brake discs on rear axle	Grey cast iron, internally vented
Diameter	330 mm
Thickness	22 mm

Wheels and tyres

Wheels with tyres, front	8J x 18 offset 21 with tyres 235/60 R 18
Wheels with tyres, rear	9J x 18 offset 21 with tyres 255/55 R 18

Dimensions

Length	4,696 mm
Width (including exterior mirrors)	1,923 mm (2,098 mm)
Height	1,624 mm
Wheelbase	2,807 mm
Track width, front	1,655 mm
Track width, rear	1,651 mm

Luggage compartment volume and weights

Luggage compartment volume ¹⁾	500 – 1,500 litres
Unladen weight (DIN)	1,795 kg
Gross vehicle weight rating	2,510 kg
Trailer load (braked/unbraked)	2,000/750 kg
Drawbar load	80 kg
Roof load (with Porsche roof transport system)	75 kg

¹⁾The luggage compartment volume may vary depending on the country and vehicle equipment level

Technical data**Macan****Performance**

Top speed	225 km/h
Acceleration	
0 – 60 mph	6.3 s
0 – 60 mph with Sport Plus	6.1 s
0 – 100 km/h	6.7 s
0 – 100 km/h with Sport Plus	6.5 s
0 – 160 km/h	17.5 s
0 – 160 km/h with Sport Plus	17.3 s

Fuel and emissions

Emission standard	Euro 6 d-temp (EU6 AG)
Fuel type	Super Plus (98 RON)
Consumption	
Urban	9.5 l/100 km
Extra-urban	7.3 l/100 km
Combined	8.1 l/100 km
CO₂ emissions	
Combined	185 g/km
Efficiency class Germany	D
Tank capacity (optional)	65 l (75 l)

Aerodynamics

Drag coefficient c_d	0.35
Frontal area A	2.62 m ²
$c_d \times A$	0.917