

Alfa Romeo 159 - 1750 TBi 200 CV technical specifications

	Alfa Romeo 159
Engine - Characteristics	1750 TURBO BENZINA, turbocharged petrol
Nr. cylinders, arrangement	4 cylinder in-line, twin cam, transverse forward mounted
Bore x stroke (mm)	83.0 x 80.5
Displacement (cc)	1742
Compression ratio	9.5:1
Max. power EEC kW (HP)	147 (200)
at rpm	5000
Max. torque EEC Nm (kgm)	320 (32.7)
at rpm	1400
Valve gear (drive)	Belt drive, 16 valves, hydraulic tappets with roller rocker arms
Fuel system	Turbocharger
Emissions control	EU5
CO emissions (g/km), urban cycle	273
CO emissions (g/km), extra-urban cycle	140
CO emissions (g/km), combined cycle	189
Electrical system (12V)	
Battery: capacity (Ah)	90
Alternator (A)	120
Transmission	
Drive	Front wheel drive
Gearbox	Manual 6-speed
1 st gear	3.818 : 1
2 nd gear	2.158: 1
3 rd gear	1.475: 1
4 th gear	1.067 : 1
5 th gear	0.875 : 1
6 th gear	0.744 : 1
Reverse	3.545 : 1
Final drive	3.941: 1
Wheels	
Tyres	225/50R17 - 235/45R18 - 235/40ZR19
Steering	
Steering system	Rack and pinion with hydraulic power steering
Turning circle between kerbs (m)	11.1
Suspension	
Front	Independent double wishbone suspension and torsion bar with ball joint ends
Rear	Independent multi-link system
Brake (disc) diameter	

Front: Ø (mm)	Diam. 330 x 28 ventilated discs; fixed, radial caliper in aluminium with 4 x 42 mm opposed pistons
Rear: Ø (mm)	Diam. 292 x 22 ventilated discs; 42 mm floating combination caliper
Body - Dimensions	
Nr. seats / Nr. doors	5/4
Length / Width (mm)	4660 / 1828
Empty height (mm)	1417 (1422 with 17" tyres)
Wheelbase (mm)	2700
Front/rear track, empty (mm)	1578 / 1555 with 17" tyres
Capacity of luggage compartment VDA (dm³):	405
Volumes - Weights	
Fuel tank (l)	70
Weight in running order DIN (kg)	1430
Performance - Consumption	
Top speed (kph)	235
Acceleration 0 to 100 kph (1 person + 30 kg) (seconds):	7.7
Standing kilometre (1 person + 30 kg) (seconds):	28.9
Consumption according to EC Directive 1999/100 (l/100 km): urban/ extra-urban/combined cycles	11.8 – 6.0 – 8.1

* on circuit

1750 Berlina (1968) and Alfa 75 Turbo (1986) technical specifications

Model (year)	1750 Berlina (1968)	Alfa 75 Turbo (1986)
Engine	4 cylinder in-line, twin cam	4 cylinder in line, twin cam, turbo
Displacement	1779 cc	1779 cc
Power	118 HP @ 5500 rpm	155 HP @ 5800 rpm
Top speed	over 180 kph	210 kph
Front suspension	independent double wishbone suspension with anti-roll bar, coil springs	independent double wishbone suspension with anti-roll bar and longitudinal torsion bar
Rear suspension	rigid axle, coil springs, trailing arms, central stabiliser, hydraulic shock absorbers	De Dion tube, trailing arms, Watt linkages, coil springs, anti-roll bar
Length	4390 mm	4330 mm
Wheelbase	2570 mm	2510 mm
Weight	1060 kg	1130 kg