

Specifications

	Alfa Romeo 159	Alfa Romeo 159 Sportwagon
Engine - Characteristics	1.75 LITER TURBO GASOLINE	
No. of cylinders, arrangement	Twin camshaft, 4, in line, transversal, front	
Bore x stroke (mm)	83.0 x 80.5	
Capacity (cm ³)	1742	
Compression ratio	9.5:1	
Max output CE: kW (HP)	147 (200)	
at rpm	5000	
Max torque CE: Nm (kgm)	320 (32.7)	
at rpm	2000	
Timing (spark ignition)	Timing belt, tappets with roller finger	
Fuel supply	Turbocharger	
Emission control	EU5	
CO ₂ emissions (g/km) urban	273	279
CO ₂ emissions (g/km) extra-urban	140	144
CO ₂ emissions (g/km) combined cycle	189	194
Electrical system (12V)		
Battery capacity (Ah)	90	
Generator (A)	120	
Transmission		
Drive	front	
Transmission type	manual 6 gears	
Gear: 1 st	3.818: 1	
Gear: 2 nd	2.158: 1	
Gear: 3 rd	1.475: 1	
Gear: 4 th	1.067: 1	
Gear: 5 th	0.875: 1	
Gear: 6 th	0.744: 1	
Gear: Reverse	3.545: 1	
Final reduction torque	3.941: 1	
Wheels		
Tires	225/50R17 - 235/45R18 - 235/40ZR19	
Steering		
Steering box	Rack and pinion with hydraulic steering unit	
Turning circle between kerbs (m)	11.1	
Suspension		
Front	independent, parallelogram, double wishbone and anti-roll bar connected to ball joints	
Rear	independent, multilink	
Brakes D (disc)		
Front: dia. (mm)	D 330 x 28 ventilated, fixed aluminum caliper with radial mount and 4 x 42 mm opposing pistons	
Rear: dia. (mm)	D 292 x 22 ventilated, combined floating caliper 42 mm	
Bodywork - Dimensions		
No. seats/No. doors	5/4	5/5
Length/Width (mm)	4660 / 1828	
Height unladen (mm)	1417 (1422 with 17 inch tires)	

Wheelbase (mm)	2700	
Track front/rear unladen (mm)	1578 / 1555 with 17 inch tires	
Luggage capacity VDA (dm ³)	405	445 / 1245 with seats folded down
Capacities - Weights		
Fuel tank (liters)	70	70
Kerb weight DIN (kg)	1430	1480
Performance - Consumption		
Max speed(km/h)*	235	233
Acceleration (sec) (1 person + 30 kg): 0 - 100 km/h	7.7	7.9
Acceleration (sec) (1 person + 30 kg): 0 - 1000 m	28.9	29.2
Consumption - Dir. CE 1999/100 (l/100 km):	11.8 6.0 8.1	12.0 6.2 8.3

	Alfa Romeo 159	Alfa Romeo 159 Sportwagon
Engine - Characteristics	2.0 LITER 170 HP JTDM	
No. of cylinders, arrangement 2 contra-rotating camshafts	4	
Bore x stroke (mm)	83.0 x 90.4	
Capacity (cm ³)	1956	
Compression ratio	16.5:1	
Max output CE: kW (HP)	125 (170)	
at rpm	4000	
Max torque CE: Nm (kgm)	360 (36.7)	
at rpm	1750	
Timing (spark ignition)	Timing belt, tappets with roller finger	
Fuel supply	Direct injection. Multijet turbocharger with variable geometry and intercooler. Bosch EDC16C39 electronic engine management system	
Ignition	Compression	
Emission control	EU5	
CO ₂ emissions (g/km) urban	185	189
CO ₂ emissions (g/km) extra-urban	117	119
CO ₂ emissions (g/km) combined cycle	142	145
Electrical system (12V)		
Battery capacity (Ah)	90	
Generator (A)	100	
Transmission		
Drive	Front	
Transmission type	Manual 6 gears	
Gear: 1 st	3.917: 1	
Gear: 2 nd	2.040: 1	
Gear: 3 rd	1.321: 1	
Gear: 4 th	0.954: 1	
Gear: 5 th	0.755: 1	
Gear: 6 th	0.623: 1	
Gear: Reverse	3.750: 1	
Final reduction torque	3.545:1	
Wheels		
Tires	205/55R16 - 215/55R16 - 225/50R17 - 235/45R18 - 235/40ZR19	
Steering		
Steering box	Rack, with hydraulic steering unit	
Turning circle between kerbs (m)	11.1	
Suspension		
Front	independent, parallelogram, double wishbone and anti-roll bar connected to ball joints	
Rear	independent, multilink	
Brakes D (disc)		
Front: dia. (mm)	D 305 x 28 ventilated, fixed aluminum caliper with radial mount and 4 x 42 mm opposing pistons	
Rear: dia. (mm)	D 278 x 12, 38 mm combined floating caliper	
Bodywork - Dimensions		
No. seats/No. doors	5/4	5/5
Length/Width (mm)	4660 / 1828	
Height unladen (mm)	1417 (1422 with 17 inch tires)	

Wheelbase (mm)	2700	
Track front/rear unladen (mm)	1593 / 1573 (1578 / 1555 with 17 inch tires)	
Luggage capacity VDA (dm ³)	405	445 / 1245 with seats folded down
Capacities - Weights		
Fuel tank (liters)	70	70
Kerb weight DIN (kg)	1490	1540
Performance - Consumption		
Max speed(km/h)*	218	216
Acceleration (sec) (1 person + 30 kg): 0 - 100 km/h	8.8	9.0
Acceleration (sec) (1 person + 30 kg): 0 - 1000 m	30.2	30.5
Consumption - Dir. CE 1999/100 (l/100 km):		
urban cycle	7.0	7.2
extra-urban cycle	4.4	4.5
combined	5.4	5.5

	Alfa Romeo Brera
Engine - Characteristics	1.75 LITER TURBO GASOLINE
No. of cylinders, arrangement	Twin camshaft, 4 in line, transversal, front
Bore x stroke (mm)	83.0 x 80.5
Capacity (cm ³)	1742
Compression ratio	9.5: 1
Max output CE: kW (HP)	147 (200)
at rpm	5000
Max torque CE: Nm (kgm)	320 (32.7)
at rpm	2000
Timing (spark ignition)	Timing belt, tappets with roller finger
Fuel supply	Turbocharger
Emission control	EU5
CO ₂ emissions (g/km) urban	273
CO ₂ emissions (g/km) extra-urban	140
CO ₂ emissions (g/km) combined cycle	189
Electrical system (12V)	
Battery capacity (Ah)	90
Generator (A)	120
Transmission	
Drive	front
Transmission type	manual 6 gears
Gear: 1 st	3.818: 1
Gear: 2 nd	2.158: 1
Gear: 3 rd	1.475: 1
Gear: 4 th	1.067: 1
Gear: 5 th	0.875: 1
Gear: 6 th	0.744: 1
Gear: Reverse	3.545: 1
Final reduction torque	3.941: 1
Wheels	
Tires	225/50R17 - 235/45R18 - 235/40R19
Steering	
Steering box	Rack and pinion with hydraulic steering unit
Turning circle between kerbs (m)	10.7
Suspension	
Front	independent, parallelogram, double wishbone and anti-roll bar connected to ball joints
Rear	independent, Multilink architecture
Brakes D (disc)	
Front: dia. (mm)	D 330 x 28 ventilated, fixed aluminum caliper with radial mount and 4 x 42 mm opposing pistons
Rear: dia. (mm)	D 292 x 22 ventilated, 42 mm combined floating caliper
Bodywork - Dimensions	
No. seats/No. doors	2+2/3
Length/Width (mm)	4410 / 1830
Height unladen (mm)	1341
Wheelbase (mm)	2528

Track front/rear unladen (mm)	1593 / 1573 (1579 / 1559 with 17 inch tires)
Luggage capacity VDA (dm3)	300/610 (236/546 with Bose system + 20 lt cargo box)
Capacities - Weights	
Fuel tank (liters)	70
Kerb weight DIN (kg)	1430
Performance - Consumption	
Max speed(km/h)*	235
Acceleration (sec) (1 person + 30 kg): 0 - 100 km/h	7.7
Acceleration (sec) (1 person + 30 kg): 0 - 1000 m	28.9
Consumption - Dir. CE 1999/100 (l/100 km):	
urban cycle	11.8
extra-urban cycle	6.0
combined	8.1

* on circuit