

Technical data sheet of the Alfa Romeo Giulietta 170 HP 1.4 TB MultiAir with "Alfa TCT" and Start&Stop

DIMENSIONS		
	Number of seats	5
	Number of doors	5
	Length/width (mm)	4351/1798
	Height (mm)	1465
	Wheelbase (mm)	2634
	Front/rear track (mm)	1554/1554
	Luggage compartment capacity (dm ³)	350
TECHNICAL SPECIFICATIONS		
	No. of cylinders, arrangement	4
	Bore and stroke (mm)	72x84
	Displacement (cc)	1368
	Compression ratio	9.8:1
	Maximum power output kW (HP - EC) at rpm (NORMAL)	125/170 at 5500 rpm
	Maximum power output kW (HP - EC) at rpm (DYNAMIC)	125/170 at 5500 rpm
	Peak torque Nm (kgm - EC) at rpm (NORMAL)	230 (23.4) at 2250 rpm
	Peak torque Nm (kgm - EC) at rpm (DYNAMIC)	250 (25.4) at 2500 rpm
	Timing system (drive)	Toothed belt with hydraulic tappets and intake side MultiAir system
	Supply	MPFI supercharged and MultiAir direct valve control system, intercooler
	Start&Stop system for automatic engine stopping/starting for short stops during city driving, useful for optimising fuel consumption and CO2 emissions	Standard
ELECTRICAL SYSTEM	Battery: capacity (Ah) / Generator (A)	63Ah/450
TRANSMISSION	Drive	front
	Gearbox	Twin clutch
	First	1:4.154
	Second	1:2.269
	Third	1:1.435
	Fourth	1:0.978
	Fifth	1:0.754
	Sixth	1:0.622
	Reverse gear	1:4.000
	Final drive torque	1:4.118
TYRES	Tyre size	205/55 R16 91V
	Rim size	7J x 16
STEERING SYSTEM	Steering box	Dual Pinion
	Kerb-to-kerb turning circle (m)	10.9
SUSPENSION	Front	Advanced MacPherson with aluminium struts, hollow anti-roll bar fitted on connecting rod
	Rear	Multilink with auxiliary frame and aluminium wishbones and anti-roll bar
BRAKES D (DISC)	Front (mm)	305
	Rear (mm)	264

CAPACITIES - WEIGHTS	Fuel tank (litres)	60
	Kerb weight (kg)	1310
	Max towing weight (kg) non-braked	500
	Max towing weight (kg) braked	1300
	Total weight (5 people + 50 kg load)	
PERFORMANCE	Max. speed (km/h)	218
	Acceleration (1 person + 30 kg) 0-100 km/h (s)	7.7
FUEL CONSUMPTION - EMISSIONS as per directive 1999/100/EC	Urban cycle fuel consumption (l/100 km)	6.7
	Extra-urban cycle	4.3
	Combined cycle	5.2
	CO ₂ emissions (g/km)	121
	Service coupon	30,000 km
	Environmental classification	Euro 5
	Pick-up in lowest gear from 60 to 100 km/h	4.8
	Pick-up in highest gear from 80 to 120 km/h	6.5
	CX 0.31	