

New Alfa Romeo Giulietta

	1.4 TP 120 HP S&S	1.4 TP 120 HP LPG	1.4 TP 150 HP S&S	1.4 TP 170 HP S&S TCT	1,750 TP 240 HP TCT	1.6 JTDM 120 HP S&S
SPECIFICATIONS	PETROL	PETROL/LPG	PETROL	PETROL	PETROL	DIESEL
No. of cylinders, arrangement	4	4	4	4	4	4
Bore x stroke (mm)	72x84	72x84	72x84	72x84	83x80.5	79.5x80.5
Displacement (cc)	1368	1368	1368	1368	1742	1598
Compression ratio	9.8:1	9.8:1	10:01	10:1	9.25:1	16.5:1
Maximum power output kW (HP - EC) @ rpm (DYNAMIC)	88/120 @ 5000 rpm	88/120 @ 5000 rpm	110/150 @ 5500 rpm	125/170 @ 5500 rpm	177/240 @ 5750 rpm	88/120 @ 3750 rpm
Peak torque Nm (kgm - EC) @ rpm (NORMAL)	215 (22) @ 2500 rpm	215 (22) @ 2500 rpm	230 (23.4) @ 2250 rpm	230 (23.4) @ 2250 rpm	300 (30.5) @ 1850 rpm	280 (28.5) @ 1500 rpm
Peak torque Nm (kgm - EC) @ rpm (DYNAMIC)			250 (25.4) @ 2500 rpm	250 (25.4) @ 2500 rpm	340 (34.6) @ 2000 rpm	320 (32.5) @ 1750 rpm
Timing (control)	Toothed belt with fixed timing hydraulic tappets	Toothed belt with fixed timing hydraulic tappets	Toothed belt with hydraulic tappets and MultiAir system on intake side	Toothed belt with hydraulic tappets and MultiAir system on intake side	Two continuously variable valve timing units and toothed belt with hydraulic tappets	Toothed belt with hydraulic tappets
Fuel	MPFI supercharged by exhaust gas turbocharger with intercooler	MPFI supercharged by exhaust gas turbocharger with intercooler	MPFI supercharged and MultiAir direct valve control system, intercooler	MPFI supercharged and MultiAir direct valve control system, intercooler	Direct petrol injection and supercharging with scavenging system and intercooler	MultiJet 2: direct injection 1600 bar, variable geometry turbocharger and intercooler
Stop&Start system	Standard equipment	N/A	Standard equipment	Standard equipment	N/A	Standard equipment
TRANSMISSION						
Drive	front	front	front	front	front	front
Gearbox	Mechanical 6-speed	Mechanical 6-speed	Mechanical 6-speed	Twin clutch	Twin clutch	Mechanical 6-speed
First	1:3.9000	1:4.154	1:3.9000	1:4.154	1:4.118	1:4.154
Second	1:2.118	1:2.118	1:2.118	1:2.269	1:2.269	1:2.118
Third	1:1.484	1:1.484	1:1.484	1:1.435	1:1.435	1:1.361
Fourth	1:1.116	1:1.116	1:1.116	1:0.978	1:0.978	1:0.978
Fifth	1:0.897	1:0.897	1:0.897	1:0.754	1:0.755	1:0.756
Sixth	1:0.767	1:0.767	1:0.767	1:0.622	1:0.622	1:0.622
Reverse	1:4.000	1:4.000	1:4.000	1:4.000	1:4.000	1:4.000
Final drive torque	1:4.118	1:3.579	1:3.833	1:4.118	1:4.118	1:3.421
CAPACITIES - WEIGHTS						
Fuel tank (litres)	60	60 + 38 LPG	60	60	60	60
Kerb weight (kg)	1280	1317	1290	1305	1320	1310
Max. towable weight (kg) non- braked	500	500	500	500	500	500
Max. towable weight (kg) braked	1300	1300	1300	1300	1000	1300

Fifth	1:0,756	1:0,754	1:0,756	1:0,756	1:0,754	1:0,754
Sixth	1:0,622	1:0,622	1:0,622	1:0,622	1:0,622	1:0,622
Reverse	1:4,000	1:4,000	1:4,000	1:4,000	1:4,000	1:4,000
Final drive torque	1:3,421	1:3,579	1:3,421	1:3,421	1:3,579	1:3,579
CAPACITIES - WEIGHTS						
Fuel tank (litres)	60	60	60	60	60	60
Kerb weight (kg)	1320	1335	1310	1320	1320	1320
Max. towable weight (kg) non-braked	500	500	500	500	500	500
Max. towable weight (kg) braked	1300	600	1300	1300	600	600
PERFORMANCE						
Top speed (km/h)	210	219	195	210	195	195
Acceleration (1 person + 30 kg) 0-100 km/h (s)	8,8	7,8	10	8,8	10,2	10,2
FUEL CONSUMPTION - EMISSIONS as per directive 1999/100/EC						
Urban cycle fuel consumption (l/100 km)	5,0	5,1	4,7	4,8	4,9	4,7
Urban cycle CO ₂ emissions (g/km)	131	134	124	125	129	124
Extra-urban cycle (l/100km)	3,7	3,8	3,2	3,5	3,3	3,2
Extra-urban cycle CO ₂ emissions (g/km)	97	100	84	93	88	84
Combined cycle (l/100km)	4,2	4,3	3,8	4,0	3,9	3,8
CO ₂ emissions (g/km)	110	113	99	105	103	99
Environmental classification	Euro 6b	Euro 6b	Euro 6b	Euro 6b	Euro 6b	Euro 6b

PERFORMANCE						
Top speed (km/h)	195	195	210	218	244	195
Acceleration (1 person + 30 kg) 0-100 km/h (s)	9.4	10.3	8.2	7.7	6	10
FUEL CONSUMPTION - EMISSIONS as per directive 1999/100/EC						
Urban cycle fuel consumption (l/100 km)	8.1	10.8	7.4	6.3	9.5	4.9
Urban cycle CO ₂ emissions (g/km)	187	175	171	146	219	129
Extra-urban cycle (l/100km)	5.1	6.7	4.4	4.1	5.2	3.3
Extra-urban cycle CO ₂ emissions (g/km)	119	108	102	95	121	88
Combined cycle (l/100km)	6.2	8.2	5.5	4.9	6.8	3.9
CO ₂ emissions (g/km)	144	133	127	114	157	103
Environmental classification	Euro 6b	Euro 6b	Euro 6b	Euro 6b	Euro 6b	Euro 6b