



ŠKODA OCTAVIA G-TEC

Petrol engines

Technical specifications	1.4 TSI/81 kW G-TEC	1.4 TSI/81 kW G-TEC (A)
Engine		
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front	
Cylinders	4	
Displacement [cm ³]	1395	
Bore × Stroke [mm × mm]	74.5 × 80.0	
Max. engine performance/revs [kW at rpm]	81/4800–6000	
Max. torque/revs [Nm at rpm]	200/1500–3500	
Compression ratio	10.5 : 1	
Emission limit	EU 6	
Fuel injection system	electronically controlled direct injection	
Ignition	control unit controlled electronic ignition system	
Lubrication	force-feed lubrication with through-flow oil filter	
Fuel quality	unleaded petrol min. RON 95; natural gas – CNG	
Transmission		
Wheel drive	front wheel drive	
Clutch	hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial dry multiple-disk clutch, electro-hydraulically operated
Transmission	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.62 II-1.95 III-1.28 IV-0.97 V-0.78 VI-0.65 R-3.18	I-3.76 II-2.27 III-1.53 IV-1.12 V-1.18 VI-0.95 VII-0.80 R-4.17
Axle ratio	4.056	4.438/3.227 R-4.176
Chassis		
Front axle	MacPherson suspension with lower triangular links and torsion stabiliser	
Rear axle	multi-element axle, with one longitudinal and three transverse links, with torsion stabiliser	
Springs	telescopic shock absorbers with coil springs, in the rear outside the springs	
Braking system	hydraulic dual-diagonal circuit braking system vacuum assisted with Dual Rate system	
Brake – front	disc brakes with inner cooling, with single/piston floating caliper	
Brake – rear	disc brakes	
Parking brake	manual, on rear wheels	
Steering system	direct rack and pinion steering with electro mechanic power steering	
Wheels	6.5J × 16"	
Tyres	205/55 R16	



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Body			
Body		5 door, two compartment, 5 seater	
Drag coefficient c_w		0.310	
Outside dimensions			
Length	[mm]	4670	
Width	[mm]	1814	
Height (at kerb weight)	[mm]	1458	
Wheel base	[mm]	2680	
Clearance (at kerb weight)	[mm]	141	
Height of the loading sill (at kerb weight)	[mm]	693	
Track front	[mm]	1543	
Track rear	[mm]	1549	
Inside dimensions			
Width of front seats	[mm]	1454	
Width of rear seats	[mm]	1449	
Headroom in front seats	[mm]	983	
Headroom in rear seats	[mm]	980	
Storage capacity	[l]	460	
Storage capacity with rear seatback folded down	[l]	1450	
Weights			
Kerb weight - incl. driver**	[kg]	1394	1419
Payload - incl. driver**	[kg]	559	548
Total weight	[kg]	1878	1892
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	690	700
Max. trailer load with brakes - 12%	[kg]	1400	
Max. trailer load with brakes - 8%	[kg]	1700	
Max. nose weight	[kg]	56	



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Liquids			
Tank capacity	[l]	petrol: 50; CNG: 97 (15 kg)	
Performance/consumption			
Maximum speed	[km/h]	195	195
Acceleration 0-100 km/h	[s]	10.9	11.0
Fuel consumption (1999/100/EC)			
Consumption – urban	[m ³ /100 km]	7.4	6.9
Consumption – extra-urban	[m ³ /100 km]	4.6	4.7
Consumption – combined	[m ³ /100 km]	5.7	5.5
CO ₂ emissions	[g/km]	101	98
Turning circle diameter	[m]	10.4	

** Figures apply to basic version, weight of driver 75 kg.