

Scala

Petrol engines



Technical data	1.0 TSI/70 kW	1.0 TSI/81 kW	1.0 TSI/81 kW (A)	1.5 TSI/110 kW	1.5 TSI/110 kW (A)
Engine					
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front				
Cylinders	3			4	
Displacement [cm³]	999			1498	
Bore × Stroke [mm × mm]	74.5 × 76.4			74.5 × 85.9	
Max. engine performance/revs [kW at rpm]	70/5000–5500	81/5500		110/5000–6000	
Max. torque/revs [Nm at rpm]	175/1600–3500	200/2000–3000		250/1500–3500	
Compression ratio	11.5 : 1			12.0 : 1	
Emission limit	EU 6 AP				
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				
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	hydraulic single dry clutch disc with membrane spring, asbestos free	two coaxial dry multiple-disk clutch, electro-hydraulically operated
Transmission	manual 5-speed fully synchronized	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing	manual 6-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.769 II-1.955 III-1.281 IV-0.881 V-0.673 R-3.182	I-3.769 II-1.947 III-1.281 IV-0.973 V-0.778 VI-0.642 R-3.182	I-3.765 II-2.273 III-1.531 IV-1.133 V-1.176 VI-0.956 VII-0.795 R-4.170	I-3.750 II-2.100 III-1.357 IV-1.026 V-0.810 VI-0.652 R-3.583	I-3.500 II-2.087 III-1.343 IV-0.940 V-0.974 VI-0.780 VII-0.653 R-3.722
Axle ratio	4.357	4.353	I-4.800 II-3.429 III-4.500	3.684	I-4.800 II-3.429 III-4.500
Chassis					
Front axle	MacPherson suspension with lower triangular links and torsion stabiliser				
Rear axle	compound link crank-axle				
Springs	telescopic shock absorbers with coil springs, in the rear outside the springs				
Braking system	hydraulic diagonal dual-circuit braking system, vacuum servo assisted				
Brake – front	disc brakes with inner cooling, with single/piston floating caliper				
Brake – rear	drum brakes			disc brakes	
Parking brake	manual, on rear wheels				
Steering system	direct rack and pinion steering with electro mechanic power steering				

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Technical data		1.0 TSI/70 kW	1.0 TSI/81 kW	1.0 TSI/81 kW (A)	1.5 TSI/110 kW	1.5 TSI/110 kW (A)
Body						
Body		5 door, two compartment, 5 seater				
Drag coefficient c _w		0.277–0.320	0.283–0.326		0.292–0.330	
Outside dimensions						
Length	[mm]	4362				
Width	[mm]	1793				
Height (at kerb weight)	[mm]	1471				
Wheel base	[mm]	2649				
Clearance (at kerb weight)	[mm]	149				
Height of the loading sill (at kerb weight)	[mm]	665				
Track front	[mm]	1531				
Track rear	[mm]	1516				
Inside dimensions						
Width of front seats	[mm]	1439				
Width of rear seats	[mm]	1425				
Headroom in front seats	[mm]	1031				
Headroom in rear seats	[mm]	982				
Storage capacity	[l]	467				
Storage capacity with rear seatback folded down	[l]	1410				
Weights						
Kerb weight – incl. driver 75 kg	[kg]	1196–1363	1216–1386	1236–1405	1255–1424	1268–1430
Payload – incl. driver 75 kg	[kg]	375–501	375–500	375–501	375–500	375–498
Total weight	[kg]	1600–1663	1620–1686	1640–1705	1660–1724	1670–1730
Max. roof load	[kg]	75				
Max. trailer load w/o brakes	[kg]	590	600	610	620	630
Max. trailer load with brakes – 12%	[kg]	1000	1200		1250	
Max. trailer load with brakes – 8%	[kg]	1000	1200		1250	
Max. nose weight	[kg]	75				
Liquids						
Tank capacity	[l]	50				

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Performance/consumption					
Maximum speed [km/h]	193	202	201	221	220
Acceleration 0–100 km/h [s]	10.9	10.1	10.2	8.1	8.2
Fuel consumption – combined (WLTP) [l/100 km]	5.2–5.6	5.2–5.7	5.6–6.1	5.5–6.0	5.5–5.9
CO ₂ emissions – combined (WLTP) [g/km]	117–128	117–129	127–138	125–136	125–135
Turning circle diameter [m]	10.2				

Technical specifications and drawings apply to the Active, Ambition, and Style versions. The parameters for Monte Carlo cars may differ.

Scala

Petrol engines

SKODA



Scala G-Tec

Petrol engine



Technical specifications	1.0 TSI/66 kW G-Tec
Engine	
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front
Cylinders	3
Displacement [cm³]	999
Bore × Stroke [mm × mm]	74.5 × 76.4
Max. engine performance/revs [kW at rpm]	66/4000–5500
Max. torque/revs [Nm at rpm]	160/1800–3800
Compression ratio	10.5 : 1
Emission limit	EU 6 AP
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
Transmission	manual 6-speed fully synchronized
Transmission ratio	I-3.769 II-1.947 III-1.281 IV-0.927 V-0.740 VI-0.611 R-3.182
Axle ratio	5.067
Chassis	
Front axle	MacPherson suspension with lower triangular links and torsion stabiliser
Rear axle	compound link crank-axle
Springs	telescopic shock absorbers with coil springs, in the rear outside the springs
Braking system	hydraulic diagonal dual-circuit braking system, vacuum servo assisted
Brake – front	disc brakes with inner cooling, with single/piston floating caliper
Brake – rear	drum brakes
Parking brake	manual, on rear wheels
Steering system	direct rack and pinion steering with electro mechanic power steering
Body	
Body	5 door, two compartment, 5 seater
Drag coefficient c_w	0.301–0.327

Scala G-Tec

Petrol engine



Technical specifications		1.0 TSI/66 kW G-Tec
Outside dimensions		
Length	[mm]	4362
Width	[mm]	1793
Height (at kerb weight)	[mm]	1469
Wheel base	[mm]	2649
Clearance (at kerb weight)	[mm]	149
Height of the loading sill (at kerb weight)	[mm]	662
Track front	[mm]	1531
Track rear	[mm]	1516
Inside dimensions		
Width of front seats	[mm]	1439
Width of rear seats	[mm]	1425
Headroom in front seats	[mm]	1031
Headroom in rear seats	[mm]	982
Storage capacity	[l]	339
Storage capacity with rear seatback folded down	[l]	1282
Weights		
Kerb weight – incl. driver 75 kg	[kg]	1312–1429
Payload – incl. driver 75 kg	[kg]	386–503
Total weight	[kg]	1740
Liquids		
Tank capacity	[l; kg]	petrol: 9 l; CNG: 13.8 kg
Performance/consumption		
Maximum speed	[km/h]	186
Acceleration 0–100 km/h	[s]	12.2
Fuel consumption – combined (WLTP)	[m ³ /100 km]	5.4–5.8
Fuel consumption – combined (WLTP)	[kg/100 km]	3.6–3.8
CO ₂ emissions – combined (WLTP)	[g/km]	97–103
Turning circle diameter	[m]	10.2

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