

Scala

Petrol engines



Technical data	1.0 TSI/70 kW	1.0 TSI/85 kW	1.0 TSI/85 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 [cm ³]	999			1498	
Bore × Stroke [mm × mm]	74.5 × 76.4			74.5 × 85.9	
Max. engine performance/revs [kW at rpm]	70/5000–5500	85/5500		110/5000–6000	
Max. torque/revs [Nm at rpm]	175/1600–3500	200/2000–3500		250/1500–3500	
Compression ratio	11.5 : 1			12.0 : 1	
Emission limit	EU 6 EA				
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-2.095 III-1.281 IV-0.881 V-0.673 R-3.182	I-3.615 II-2.111 III-1.387 IV-0.973 V-0.739 VI-0.554 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	4.688	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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Body						
Body		5 door, two compartment, 5 seater				
Drag coefficient c_w		0.283–0.327	0.282–0.326		0.279–0.318	
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]	1199–1364	1216–1388	1237–1409	1259–1423	1271–1430
Payload – incl. driver 75 kg	[kg]	375–492	375–493	375–492	375–491	375–489
Total weight	[kg]	1600–1664	1620–1688	1640–1709	1660–1723	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]	192	202	202	221	220
Acceleration 0–100 km/h [s]	10.8	9.5	10.1	8.2	8.2
Fuel consumption – combined (WLTP) [l/100 km]	5.1–5.6	5.1–5.7	5.3–5.9	5.4–5.9	5.4–5.9
CO ₂ emissions – combined (WLTP) [g/km]	115–127	116–128	120–132	122–133	122–133
Turning circle diameter [m]	10.2				

Technical specifications and drawings apply to the Essence a Selection versions. The parameters and engine offered for Monte Carlo cars may differ.

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SKODA

