

# Kodiaq

## Petrol engines



Technical specifications	1.5 TSI/110 kW ACT (A)
<b>Engine</b>	
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front
Cylinders	4
Displacement [cm <sup>3</sup> ]	1498
Bore × Stroke [mm × mm]	74.5 × 85.9
Max. engine performance/revs [kW at rpm]	110/5000–6000
Max. torque/revs [Nm at rpm]	250/1500–3500
Compression ratio	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
<b>Transmission</b>	
Wheel drive	front wheel drive
Clutch	two coaxial wet multiple-disk clutch, electro-hydraulically operated
Transmission	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.190 II-2.750 III-1.897 IV-1.040 V-0.793 VI-0.860 VII-0.661 R-2.900
Axle ratio	I-5.200 II-3.900
<b>Chassis</b>	
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 diagonal dual-circuit braking system, electromechanical servo assisted
Brake – front	disc brakes with inner cooling, with single/piston floating caliper
Brake – rear	disc brakes
Parking brake	electromechanical, on rear wheels
Steering system	direct rack and pinion steering with electro mechanic power steering
<b>Body</b>	
Body	5 door, two compartment, 5 seater {7 seater}
Drag coefficient $c_w$	0.281–0.309 {0.293–0.321}

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Technical specifications		1.5 TSI/110 kW ACT (A)
<b>Outside dimensions</b>		
Length	[mm]	4758
Width	[mm]	1864
Height (at kerb weight)	[mm]	1659 {1658}
Wheel base	[mm]	2791
Clearance (at kerb weight)	[mm]	189
Track front	[mm]	1586
Track rear	[mm]	1575 {1576}
<b>Inside dimensions</b>		
Width of front seats	[mm]	1503
Width of rear seats (2 <sup>nd</sup> /3 <sup>rd</sup> row)	[mm]	1492/- {1497/1272}
Headroom in front seats	[mm]	1063
Headroom in rear seats (2 <sup>nd</sup> /3 <sup>rd</sup> row)	[mm]	1015/- {1015/920}
Storage capacity (behind 3 <sup>rd</sup> row of seats up to headrests, boot cover is stored under the boot floor)	[l]	{340}
Storage capacity up to the rear shelf (with 3 <sup>rd</sup> row of seats folded down, depending on position of backrest, and depending on the position of adjustable 2 <sup>nd</sup> row of seats)	[l]	910 {845}
Storage capacity with rear seats folded down, up to the roof	[l]	2105 {2035}
<b>Weights</b>		
Kerb weight – incl. driver 75 kg	[kg]	1661–1819 {1703–1905}
Payload – incl. driver 75 kg	[kg]	503–689 {525–697}
Total weight	[kg]	2178–2360 {2231–2424}
Max. roof load	[kg]	75
Max. trailer load w/o brakes	[kg]	750
Max. trailer load with brakes – 12%	[kg]	1800
Max. trailer load with brakes – 8%	[kg]	1800
Max. nose weight	[kg]	100
<b>Liquids</b>		
Tank capacity	[l]	55

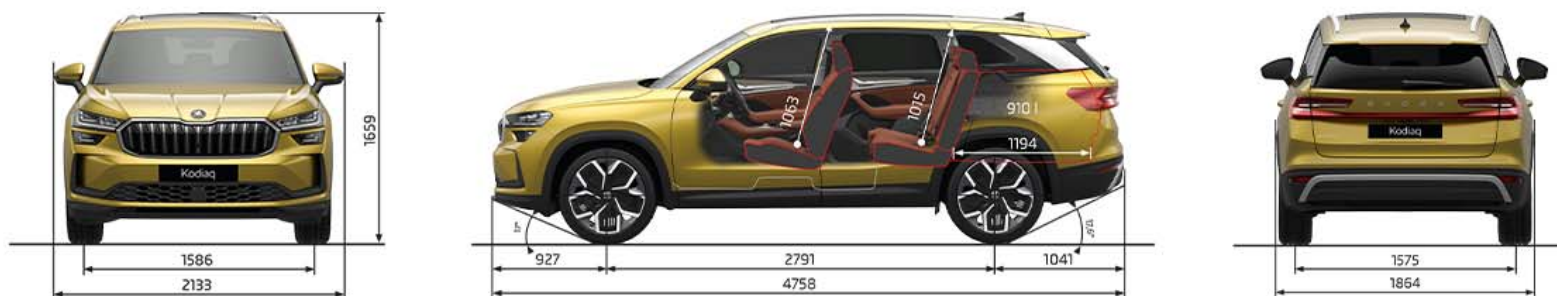
# Kodiaq

Petrol engines



Technical specifications		1.5 TSI/110 kW ACT (A)
<b>Performance/consumption</b>		
Maximum speed	[km/h]	207 {205}
Acceleration 0–100 km/h	[s]	9.7 {9.9}
Fuel consumption – combined (WLTP)	[l/100 km]	5.9–6.6
CO <sub>2</sub> emissions – combined (WLTP)	[g/km]	135–151
Turning circle diameter	[m]	11.2

Technical specifications and drawings apply to the Selection version.  
 { } Applies to 7-seater.



# Kodiaq

## Diesel engines



Technical specifications	2.0 TDI/110 kW (A)	2.0 TDI/142 kW 4x4 (A)
<b>Engine</b>		
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, DOHC, transverse in front	
Cylinders	4	
Displacement [cm <sup>3</sup> ]	1968	
Bore × Stroke [mm × mm]	81.0 × 95.5	
Max. engine performance/revs [kW at rpm]	110/3000–4200	142/3500–4200
Max. torque/revs [Nm at rpm]	360/1600–2750	400/1750–3250
Compression ratio	16.0 : 1	15.5 : 1
Emission limit	EU 6 EA	
Fuel injection system	electronically controlled high-pressure direct injection – common-rail system	
Lubrication	force-feed lubrication with through-flow oil filter	
Fuel quality	diesel	
<b>Transmission</b>		
Wheel drive	front wheel drive	four-wheel drive with automatic torque distribution
Clutch	two coaxial wet multiple-disk clutch, electro-hydraulically operated	
Transmission	automatic 7-speed, DSG, with Tiptronic manual gear changing	
Transmission ratio	I-3.579 II-2.750 III-1.677 IV-0.889 V-0.677 VI-0.722 VII-0.561 R-2.900	I-3.579 II-2.750 III-1.677 IV-0.889 V-0.677 VI-0.722 VII-0.561 R-2.900
Axle ratio	I-4.813 II-3.667	I-4.813 II-3.667
<b>Chassis</b>		
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 diagonal dual-circuit braking system, electromechanical servo assisted	
Brake – front	disc brakes with inner cooling, with single/piston floating caliper	
Brake – rear	disc brakes	
Parking brake	electromechanical, on rear wheels	
Steering system	direct rack and pinion steering with electro mechanic power steering	
<b>Body</b>		
Body	5 door, two compartment, 5 seater {7 seater}	
Drag coefficient C <sub>w</sub>	0.285–0.313 {0.299–0.326}	0.289–0.317 {0.302–0.329}

# Kodiaq

## Diesel engines



Technical specifications		2.0 TDI/110 kW (A)	2.0 TDI/142 kW 4x4 (A)
<b>Outside dimensions</b>			
Length	[mm]	4758	
Width	[mm]	1864	
Height (at kerb weight)	[mm]	1659 {1658}	1657 {1656}
Wheel base	[mm]	2791	
Clearance (at kerb weight)	[mm]	189	187
Track front	[mm]	1586	
Track rear	[mm]	1575 {1576}	
<b>Inside dimensions</b>			
Width of front seats	[mm]	1503	
Width of rear seats (2 <sup>nd</sup> /3 <sup>rd</sup> row)	[mm]	1492/- {1497/1272}	
Headroom in front seats	[mm]	1063	
Headroom in rear seats (2 <sup>nd</sup> /3 <sup>rd</sup> row)	[mm]	1015/- {1015/920}	
Storage capacity (behind 3 <sup>rd</sup> row of seats up to headrests, boot cover is stored under the boot floor)	[l]	{340}	
Storage capacity up to the rear shelf (with 3 <sup>rd</sup> row of seats folded down, depending on position of backrest, and depending on the position of adjustable 2 <sup>nd</sup> row of seats)	[l]	910 {845}	
Storage capacity with rear seats folded down, up to the roof	[l]	2105 {2035}	
<b>Weights</b>			
Kerb weight – incl. driver 75 kg	[kg]	1730–1933 {1785–1982}	1798–2000 {1853–2049}
Payload – incl. driver 75 kg	[kg]	502–659 {535–712}	465–647 {536–704}
Total weight	[kg]	1730–1933 {1785–1982}	1798–2000 {1853–2049}
Max. roof load	[kg]	75	
Max. trailer load w/o brakes	[kg]	750	
Max. trailer load with brakes – 12%	[kg]	2000	2300 {2400–2500}
Max. trailer load with brakes – 8%	[kg]	2000	2300 {2400–2500}
Max. nose weight	[kg]	100	
<b>Liquids</b>			
Tank capacity	[l]	55	58

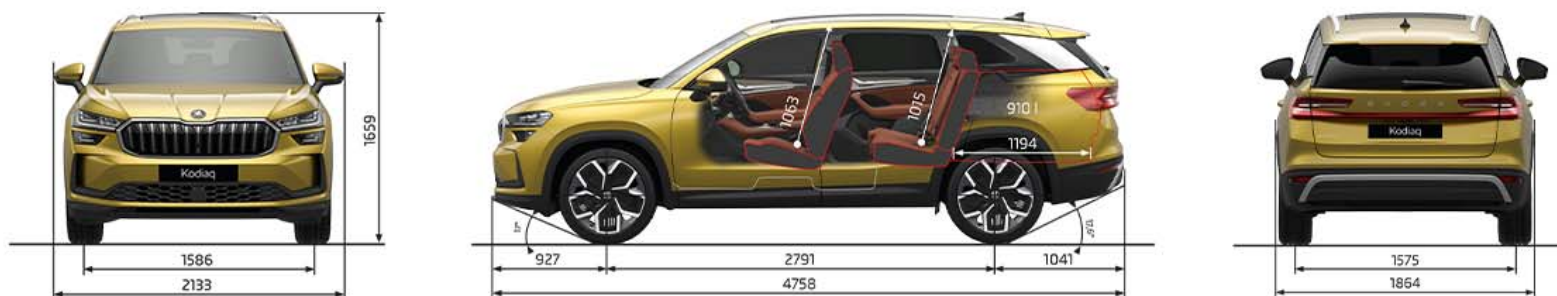
# Kodiaq

## Diesel engines



Technical specifications		2.0 TDI/110 kW (A)	2.0 TDI/142 kW 4x4 (A)
<b>Performance/consumption</b>			
Maximum speed	[km/h]	205 {203}	220 {217}
Acceleration 0–100 km/h	[s]	9.6 {9.8}	7.8 {8.0}
Fuel consumption – combined (WLTP)	[l/100 km]	5.3–5.9	6.0–6.6
CO <sub>2</sub> emissions – combined (WLTP)	[g/km]	138–155	157–174
Turning circle diameter	[m]	11.2	

Technical specifications and drawings apply to the Selection version.  
 { } Applies to 7-seater.



# Kodiaq iV

## Petrol engine



Technical specifications	1.5 TSI/150 kW PHEV (A)
<b>Engine</b>	
Engine type	turbocharged petrol engine, in-line, liquid cooling system, DOHC, transverse in front and electromotor
Cylinders	4
Displacement [cm <sup>3</sup> ]	1498
Bore × Stroke [mm × mm]	74.5 × 85.9
Max. engine performance/revs [kW at rpm]	110/5000–6000
Max. torque/revs [Nm at rpm]	250/1500–4000
Maximum output of electromotor [kW]	85
Maximum torque of electromotor [Nm]	330
Maximum system output [kW]	150
Maximum system torque [Nm]	350
Compression ratio	11.5 : 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
<b>Transmission</b>	
Wheel drive	front wheel drive
Clutch	three coaxial wet multiple-disk clutch, electro-hydraulically operated
Transmission	automatic 6-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.500 II-2.773 III-1.852 IV-1.020V-1.023 VI-0.840 R-2.864
Axle ratio	I-4.588 II-3.545
<b>Chassis</b>	
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 diagonal dual-circuit braking system, electromechanical servo assisted
Brake – front	disc brakes with inner cooling, with single/piston floating caliper
Brake – rear	disc brakes
Parking brake	electromechanical, on rear wheels
Steering system	direct rack and pinion steering with electro mechanic power steering
<b>Body</b>	
Body	5 door, two compartment, 5 seater
Drag coefficient c <sub>w</sub>	0.296–0.324

# Kodiaq iV

Petrol engine



Technical specifications		1.5 TSI/150 kW PHEV (A)
<b>Outside dimensions</b>		
Length	[mm]	4758
Width	[mm]	1864
Height (at kerb weight)	[mm]	1656
Wheel base	[mm]	2791
Clearance (at kerb weight)	[mm]	189
Track front	[mm]	1586
Track rear	[mm]	1576
<b>Inside dimensions</b>		
Width of front seats	[mm]	1503
Width of rear seats	[mm]	1492
Headroom in front seats	[mm]	1063
Headroom in rear seats	[mm]	1015
Storage capacity up to the rear shelf (depending on position of backrest, and depending on the position of adjustable 2 <sup>nd</sup> row of seats)	[l]	745
Storage capacity with rear seats folded down, up to the roof	[l]	1945
<b>Weights</b>		
Kerb weight – incl. driver 75 kg	[kg]	1913–2084
Payload – incl. driver 75 kg	[kg]	423–594
Total weight	[kg]	2432
Max. roof load	[kg]	75
Max. trailer load w/o brakes	[kg]	750
Max. trailer load with brakes – 12%	[kg]	1800
Max. trailer load with brakes – 8%	[kg]	1800
Max. nose weight	[kg]	100
<b>Liquids</b>		
Tank capacity	[l]	45
Battery capacity	[kWh]	25.7



# Kodiaq iV

Petrol engine



Technical specifications	1.5 TSI/150 kW PHEV (A)
<b>Performance/consumption</b>	
Maximum speed [km/h]	210
Acceleration 0–100 km/h [s]	8.4
Fuel consumption – combined (WLTP) [l/100 km]	–
CO <sub>2</sub> emissions – combined (WLTP) [g/km]	–
Electric consumption – combined (WLTP) [kWh/100 km]	–
Pure electric range – combined (WLTP) [km]	–
Turning circle diameter [m]	11.2

Technical specifications and drawings apply to the Selection version.  
– The data are not available on the press deadline.