



## ŠKODA Rapid

## Petrol engines

Technical specifications	1.2 MPI/55 kW	1.2 TSI/63 kW	1.2 TSI/77 kW	1.6 MPI/77 kW	1.6 MPI/77 kW (A)	1.4 TSI/90 kW (A)
<b>Engine</b>						
Engine type	petrol engine, in-line, liquid cooling system, DOHC, transverse in front	turbocharged petrol engine, in-line, liquid cooling system, direct injection, OHC, transverse in front		petrol engine, in-line, liquid cooling system, DOHC, transverse in front		turbocharged petrol engine, in-line, liquid cooling system, direct injection, DOHC, transverse in front
Cylinders	3	4	4	4	4	4
Displacement [cm <sup>3</sup> ]	1198	1197	1197	1598	1598	1390
Bore × Stroke [mm × mm]	76.5 × 86.9	71.0 × 75.6	71.0 × 75.6	76.5 × 86.9	76.5 × 86.9	76.5 × 75.6
Max. engine performance/revs [kW at rpm]	55/5400	63/4800	77/5000	77/5600	77/5600	90/5000
Max. torque/revs [Nm at rpm]	112/3750	160/1500-3500	175/1550-4100	153/3800	153/3800	200/1500-4000
Compression ratio	10.5 : 1	10.0 : 1	10.0 : 1	10.5 : 1	10.5 : 1	10.0 : 1
Emission limit	EU 5			EU 4 (EU 2)	EU 4	EU 5
Fuel injection system	electronic multipoint fuel injection MPI	electronically controlled direct injection		electronic multipoint fuel injection MPI		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 (91)*					unleaded petrol min. RON 95
<b>Transmission</b>						
Wheel drive	front wheel drive					
Clutch	hydraulic single dry clutch disc with membrane spring, asbestos free				hydrodynamic converter	two coaxial dry multiple-disk clutch, electro-hydraulically operated
Transmission	manual 5-speed fully synchronized		manual 6-speed fully synchronized	manual 5-speed fully synchronized	automatic 6-speed, with Tiptronic manual gear changing	automatic 7-speed, DSG, with Tiptronic manual gear changing
Transmission ratio	I-3.77 II-2.10 III-1.28 IV-0.88 V-0.67 R-3.18	I-3.77 II-1.95 III-1.28 IV-0.93 V-0.74 R-3.18	I-3.62 II-1.95 III-1.28 IV-0.93 V-0.74 VI-0.61 R-3.18	I-3.45 II-1.95 III-1.28 IV-0.88 V-0.67 R-3.18	I-4.15 II-2.37 III-1.56 IV-1.16 V-0.86 VI-0.69 R-3.39	I-3.50 II-2.09 III-1.34 IV-0.93 V-0.97 VI-0.78 VII-0.65 R-3.72
Axle ratio	4.929	3.625	3.933	4.571	4.067×0.906	4.800/3.429 R-4.500



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<b>Chassis</b>						
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 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	drum brakes					disc brakes
Parking brake	manual, on rear wheels					
Steering system	direct rack and pinion steering with electrohydraulic power steering					
Wheels	5Jx14"			6Jx15"		
Tyres	175/70 R14			185/60 R15		
<b>Body</b>						
Body	5 door, two compartment, 5 seater					
Drag coefficient $c_w$	0.303	0.300	0.308	0.301		0.297
<b>Outside dimensions</b>						
Length [mm]	4483					
Width [mm]	1706					
Height (at kerb weight) [mm]	1461					
Wheel base [mm]	2602					
Clearance (at kerb weight) [mm]	136					
Track front [mm]	1463			1457		
Track rear [mm]	1500			1494		
<b>Inside dimensions</b>						
Width of front seats [mm]	1418					
Width of rear seats [mm]	1428					
Headroom in front seats [mm]	1014					
Headroom in rear seats [mm]	972					
Storage capacity [l]	550					
Storage capacity with rear seatback folded down [l]	1490					



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Technical specifications		1.2 MPI/55 kW	1.2 TSI/63 kW	1.2 TSI/77 kW	1.6 MPI/77 kW	1.6 MPI/77 kW (A)	1.4 TSI/90 kW (A)
<b>Weights</b>							
Kerb weight - incl. driver**	[kg]	1135	1155	1175	1155	1195	1230
Payload - incl. driver**	[kg]	535					
Total weight	[kg]	1595	1615	1635	1615	1655	1690
Max. roof load	[kg]	75					
Max. trailer load w/o brakes	[kg]	560	570	580	570	590	610
Max. trailer load with brakes - 12%	[kg]	750	900	1100	1000	1000	1200
Max. trailer load with brakes - 8%	[kg]	950	1100	1200			
Max. nose weight	[kg]	50					
<b>Liquids</b>							
Tank capacity	[l]	55					
<b>Performance/consumption</b>							
Maximum speed	[km/h]	175	183	195	193	192	206
Acceleration 0-100 km/h	[s]	13.9	11.8	10.3	10.6	11.9	9.5
Fuel consumption (1999/100/EC)		EU 5					
Consumption - urban	[l/100 km]	8.1	6.5 [5.9]	6.9 [6.3]	8.9	10.2	7.4 [6.8]
Consumption - extra-urban	[l/100 km]	4.6	4.4 [4.3]	4.6 [4.2]	4.9	6.0	4.8 [4.6]
Consumption - combined	[l/100 km]	5.9	5.1 [4.9]	5.4 [5.0]	6.4	7.5	5.8 [5.4]
CO <sub>2</sub> emissions	[g/km]	137	119 [114]	125 [116]	152	180	134 [125]
Turning circle diameter	[m]	10.2					

\* Using low-octane fuel may affect engine performance.

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

[ ] Applies to Green tec.



## ŠKODA Rapid

## Diesel engines

Technical specifications	1.6 TDI CR DPF/66 kW	1.6 TDI CR DPF/66 kW (A)	1.6 TDI CR DPF/77 kW
<b>Engine</b>			
Engine type	turbocharged diesel engine, turbocharger with self-aligning blades, in-line, liquid cooling system, high-pressure direct injection system, DOHC, transverse in front		
Cylinders	4	4	4
Displacement [cm <sup>3</sup> ]	1598	1598	1598
Bore × Stroke [mm × mm]	79.5 × 80.5	79.5 × 80.5	79.5 × 80.5
Max. engine performance/revs [kW at rpm]	66/4200	66/4200	77/4400
Max. torque/revs [Nm at rpm]	230/1500-2500	230/1500-2500	250/1500-2500
Compression ratio	16.5 : 1	16.5 : 1	16.5 : 1
Emission limit	EU 5		EU 5 (EU 4)
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		
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
Transmission	manual 5-speed fully synchronized	automatic 7-speed, DSG, with Tiptronic manual gear changing	manual 5-speed fully synchronized
Transmission ratio	I-3.78 II-2.12 III-1.27 IV-0.86 V-0.66 Z-3.60	I-3.50 II-2.09 III-1.34 IV-0.93 V-0.97 VI-0.78 VII-0.65 Z-3.72	EU 5: I-3.78 II-2.12 III-1.27 IV-0.86 V-0.66 Z-3.60 (EU 4: I-3.78 II-2.12 III-1.36 IV-0.97 V-0.73 Z-3.60)
Axle ratio	3.158	4.438/3.227 Z-4.176	EU 5: 3.158 (EU 4: 3.647)
<b>Chassis</b>			
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 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	drum brakes		
Parking brake	manual, on rear wheels		
Steering system	direct rack and pinion steering with electrohydraulic power steering		
Wheels	6J×15"		
Tyres	185/60 R15		



## ŠKODA Rapid

## Diesel engines

Technical specifications		1.6 TDI CR DPF/66 kW	1.6 TDI CR DPF/66 kW (A)	1.6 TDI CR DPF/77 kW
<b>Body</b>				
Body		5 door, two compartment, 5 seater		
Drag coefficient $c_w$		0.299		0.298
<b>Outside dimensions</b>				
Length	[mm]	4483		
Width	[mm]	1706		
Height (at kerb weight)	[mm]	1461		
Wheel base	[mm]	2602		
Clearance (at kerb weight)	[mm]	136		
Track front	[mm]	1457		
Track rear	[mm]	1494		
<b>Inside dimensions</b>				
Width of front seats	[mm]	1418		
Width of rear seats	[mm]	1428		
Headroom in front seats	[mm]	1014		
Headroom in rear seats	[mm]	972		
Storage capacity	[l]	550		
Storage capacity with rear seatback folded down	[l]	1490		
<b>Weights</b>				
Kerb weight - incl. driver**	[kg]	1265	1285	1265
Payload - incl. driver**	[kg]	535		
Total weight	[kg]	1725	1745	1725
Max. roof load	[kg]	75		
Max. trailer load w/o brakes	[kg]	630	640	630
Max. trailer load with brakes - 12%	[kg]	1200		
Max. trailer load with brakes - 8%	[kg]	1200		
Max. nose weight	[kg]	50		
<b>Liquids</b>				
Tank capacity	[l]	55		



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## Diesel engines

Technical specifications	1.6 TDI CR DPF/66 kW	1.6 TDI CR DPF/66 kW (A)	1.6 TDI CR DPF/77 kW
<b>Performance/consumption</b>			
Maximum speed [km/h]	184	184	190
Acceleration 0-100 km/h [s]	12.0	12.4	10.4
Fuel consumption (1999/100/EC)	EU 5		
Consumption - urban [l/100 km]	5.6 [4.8]	5.6	5.6 [4.8]
Consumption - extra-urban [l/100 km]	3.7 [3.4]	3.9	3.7 [3.4]
Consumption - combined [l/100 km]	4.4 [3.9]	4.5	4.4 [3.9]
CO <sub>2</sub> emissions [g/km]	114 [104]	118	114 [104]
Turning circle diameter [m]	10.2		

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

[ ] Applies to Green tec.