

Technical Specifications – Octavia

Engine	1.4 MPI/55 kW petrol, 2 x OHC, front/transverse-mounted	1.6 MPI/55 kW petrol, OHC, front/transverse-mounted	1.6 MPI/74 kW petrol, OHC, front/transverse-mounted induction pipe with variable induction length	1.6 MPI/75 kW petrol, OHC, front/transverse-mounted induction pipe with variable induction length	2.0 litre/85 kW petrol, OHC, front/transverse-mounted induction pipe with variable induction length (EU4 only)
Number of cylinders	4	4	4	4	4
Cubic capacity (cc)	1.389	1.598	1.595	1.595	1.984
Bore x stroke (mm)	76,5 x 75,6	76,5 x 86,9	81,0 x 77,4	81,0 x 77,4	82,5 x 92,8
Maximum performance (kW/min ⁻¹)	55/5.000	55/4.600	74/5.600	75/5.600	EU4 85/5.400, EU2 85/5.200
Maximum torque (Nm/min ⁻¹)	126/3.300	135/3.200	145/3.800	148/3.800	EU4 172/3.200 EU2 170/2.400
Air pollution regulation	EU4	EU2	EU2, (EU2)	EU4, (EU4)	EU2, EU2, (EU4)
Fuel	Lead-free petrol with ROZ 95 (91*)	Lead-free petrol with ROZ 95 (91*)	Lead-free petrol with ROZ 95 (91*)	Lead-free petrol with ROZ 95 (91*)	Lead-free petrol with ROZ 95 (91*)
Performance					
Maximum speed (km/h)	171	172	190 (187)	190 (187)	EU2 198, EU4 199 (EU4 197, EU2 195)
Acceleration 0 – 100 km/h (s)	15,3	14,8	12,3 (14,6)	11,8 (14,1)	EU2 10,8, EU4 11,0 (EU4 12,3, EU2 12,6)
Fuel consumption according to 99/100 and 93/116****					
City (l/100 km)	9,0	10,8	10,6 (11,5)	9,9 (11,4)	11,2 /EU4/, 11,0 /EU2/ (12,9 /EU4/, 13,0 /EU2/)
Highway (l/100 km)	5,4	5,8	6,0 (6,7)	5,5 (6,3)	6,1 /EU4/, 6,2 /EU2/ (7,0 /EU4/, 6,9 /EU2/)
Combined (l/100 km)	6,7	7,6	7,7 (8,5)	7,1 (8,1)	8,0 /EU4, EU2/ (9,1 /EU4, EU4/)
CO ₂ emissions (g/km)	161	182	185 (204)	170 (194)	192 /EU4, EU2 (218 /EU2, EU4/)
Turning circle (m)	10,8	10,8	10,8	10,8	10,8
Power transmission					
Clutch	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating
Gearbox	Fully synchronised five-speed manual transmission with direct gearshift	Fully synchronised five-speed manual transmission with direct gearshift	Fully synchronised five-speed manual transmission with direct gearshift Automatic four-speed transmission with fuzzy logic system	Fully synchronised five-speed manual transmission with direct gearshift Automatic four-speed transmission with fuzzy logic system	Fully synchronised five-speed manual transmission with direct gearshift Automatic four-speed transmission with fuzzy logic system
Weight					
Unladen weight*** (kg)	1.175	1.190	1.205 (1.235)	1.205 (1.235)	1.235 (1.265)
Loading capacity*** (kg)	575	575	585 (585)	585 (585)	585 (585)
Maximum laden weight (kg)	1.750	1.765	1.790 (1.820)	1.790 (1.820)	1.820 (1.850)
Roof load capacity (max. kg)	75	75	75	75	75
Unbraked trailer (max. kg)	500	500	500	500	500
Braked trailer in 12% incline upwards (max. kg)	850	1.000	1.200/1.400**	1.200/1.400**	1.300/1.500**
Tongue load (max. kg)	50	50	60	60	60
Body		Five-door, five-seat, double-space steel bodywork, fully zinc-coated			
Drag coefficient C _d		Classic: 0.30; Ambiente, Elegance: 0.31; Ambiente 4x4, Elegance 4x4: 0.32			
Running gear		MacPherson struts with transverse link and anti-roll bar			
Front axle		Crank axle with trailing arm and anti-roll bar (4x4 version: multi-element rear axle)			
Rear axle		Hydraulic dual-circuit brake, diagonally connected, with a vacuum brake booster and braking force controller of the rear brakes pressure limiter			
Braking system		Disc-brakes with internally-cooled discs			
Front brakes		Twin-shoe drum brakes or disc brakes with full discs and single-piston floating callipers (for the 2.0 MPI/85 kW, 1.8 20V Turbo/110 kW, 1.9 TDI/81 kW, 1.9 TDI/96 kW and in all versions fitted with ESP)			
Rear brakes		Maintenance-free rack-and-pinion steering with power assistance			
Steering		Classic: steel rim 6J x 14" (steel rim 6J x 15" in TDI 66 kW; Ambiente: steel rim 6J x 15"; Elegance: alloy rim Triton 6J x 15"			
Wheels		Classic: 175/80 R14 (195/65 R15 in TDI 66 kW); Ambiente: 195/65 R15; Elegance: 195/65 R15			
Tyres					
Tank					
Fuel tank/reserve content (l):		55/7 (63/8)			
Internal dimensions					
Legroom front max/min (mm)		1.115/864			
Legroom rear max/min (mm)		863/594			
Lateral room front/rear (mm)		1.404/1.428			
Effective headroom front/rear (mm)		973/962			
Luggage storage space – with rear seat upright (l)		528 (428)			
Luggage storage space – with rear seat down (l)		1.328 (1.228)			

Luggage storage space according to V.D.A. Standard
 * use of 91 Octane petrol will result in a slight reduction in performance
 ** only for specific countries with an 8% incline

*** the details apply to vehicles not fitted with optional equipment
 **** consumption depends on the amount of special equipment fitted
 () applies to automatic transmission models, [] applies to Octavia 4x4;

Data at average-sized loading and three passengers.
 * Data for mass of empty vehicle.

Engine	1.8 20V Turbo/110 kW turbocharged petrol engine, 2 x OHC, front/transverse-mounted	1.9 SDI/50 kW direct injection diesel engine, OHC, front/transverse-mounted	1.9 TDI/66 kW direct injection diesel engine, OHC, exhaust turbocharger with variable charging geometry (EU3) and charge air cooling, front/transverse-mounted	1.9 TDI/81 kW diesel engine, exhaust turbocharger with variable charging geometry and charge air cooling, OHC, direct injection front/transverse-mounted	1.9 TDI/96 kW diesel engine, exhaust turbocharger with variable charging geometry and charge air cooling, OHC, with pump-nozzle technology front/transverse-mounted
Number of cylinders	4	4	4	4	4
Cubic capacity (cc)	1.781	1.896	1.896	1.896	1.896
Bore x stroke (mm)	81,0 x 86,4	79,5 x 95,5	79,5 x 95,5	79,5 x 95,5	79,5 x 95,5
Maximum performance (kW/min ⁻¹)	110/5.700	50/4.200	66/4.000	81/4.150	96/4.000
Maximum torque (Nm/min ⁻¹)	210/1.750-4.600	133/2.200 – 2.600	210/1.900	235/1.900	310/1.900
Air pollution regulation	EU4, EU2 (EU4, EU2), [EU3]	EU3	EU2, EU3, (EU3)	EU2, EU3	EU3
Fuel	Lead-free petrol with ROZ 95	Cetane index 49 diesel fuel, biofuel with a minimum cetane index of 49	Cetane index 49 diesel fuel, biofuel with a minimum cetane index of 49	Cetane index 49 diesel fuel, biofuel with a minimum cetane index of 49	Cetane index 49 diesel fuel, biofuel with a minimum cetane index of 49
Performance					
Maximum speed (km/h)	219 (215) [211]	163	182 (176)	191	207
Acceleration 0 – 100 km/h (s)	8,4 (9,9) [9,1]	19,2	13,0 (15,0)	11,1	9,7
Fuel consumption according to 99/100 and 93/116****					
City (l/100 km)	10,7 /EU4/, 10,9 /EU2/ (12,8 /EU4/, 13,1 /EU2/)	7,0	6,6 /EU3/, 6,7 /EU2/ (8,9 /EU3/)	6,6 /EU3, EU2/	7,0
Highway (l/100 km)	6,2 /EU4/, 6,2 /EU2/ (6,9 /EU4/, 6,7 /EU2/)	4,3	4,2 /EU3/, /EU2/ (4,8 /EU3/)	4,1 /EU3, EU2/	4,3
Combined (l/100 km)	7,9 /EU4/, 7,9 /EU2/ (9,0 /EU4/, 9,1 /EU2/)	5,2	5,0 /EU3/, 5,1 /EU2/ (6,3 /EU3/)	5,0 /EU3, EU2/	5,2
CO ₂ emissions (g/km)	190 /EU4, 190 /EU2/ (216 /EU4/, 219 /EU2/)	140	135 /EU3/, 138 /EU2/ (170 /EU3/)	135 /EU3, EU2/	140
Turning circle (m)	10,8	10,8	10,8	10,8	10,8
Power transmission					
Clutch	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating (for 4x4: Haldex clutch between front and rear axles)	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating	Hydraulically-activated single-plate dry clutch with diaphragm spring and asbestos-free coating
Gearbox	Fully synchronised five-speed manual transmission with direct gearshift Automatic four-speed transmission with fuzzy logic system	Fully synchronised five-speed manual transmission with direct gearshift	Fully synchronised five-speed manual transmission with direct gearshift Automatic four-speed transmission with fuzzy logic system	Fully synchronised five-speed manual transmission with direct gearshift	Fully synchronised six-speed manual transmission with direct gearshift
Weight					
Unladen weight*** (kg)	1.260 (1.290) [1.375]	1.255	1.270 (1.300)	1.275	1.295
Loading capacity*** (kg)	585 (585) [555]	575	585 (585)	585	585
Maximum laden weight (kg)	1.845 (1.875) [1.930]	1.830	1.855 (1.885)	1.860	1.880
Roof load capacity (max. kg)	75	75	75	75	75
Unbraked trailer (max. kg)	500	500	500	500	500
Braked trailer in 12% incline upwards (max. kg)	1.300/1.500** [1.500/1.600**]	850	1.300/1.500**	1.300/1.500**	1.300/1.500**
Tongue load (max. kg)	60 [65]	50	60	60	60

