

Audi Q5



40 TDI quattro S tronic 150 kW MHEV

Engine / electrics

Engine type	Inline 4-cylinder engine
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cc / bore x stroke in mm / compression	1968 / 81.0 x 95.5 / 15.5
Max. power output in kW (PS) / at rpm	150 (204) / 3800 - 4200
Max. torque in Nm (<i>lb-ft</i>) / at rpm	400 (295.0) / 1750 - 3250
Mixture preparation	Common rail fuel injection system, intercooler
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter
Emission standard	Euro 6d-ISC-FCM
Max. electrical output at 12V in kW	3.1
On-board voltage 1 in volts	12

Drivetrain / transmission

Drive type	quattro permanent all-wheel drive with self-locking center differential
Type of center differential	Electronically controlled multi-plate clutch
Type of rear axle differential	quattro ultra
Clutch	Hydraulically operated dual clutch (<i>wet</i>)
Transmission type	7-speed S tronic
Transmission ratio in 1 st /2 nd gear	3.188 / 2.190
Transmission ratio in 3 rd /4 th gear	1.517 / 1.057
Transmission ratio in 5 th /6 th gear	0.738 / 0.508
Transmission ratio in 7 th /8 th gear	0.386 / -
Reverse gear ratio / final drive ratio 1-2 / 2-3	2.750 / 5.302 / -

Suspension / steering / brakes

Type and design of front-axle suspension	5-link front axle
Type and design of rear-axle suspension	5-link rear axle
Tires (basic)	235/65 R 17
Wheels (basic)	Forged aluminum 8 J x 17
Steering	Electromechanical steering with speed-dependent power assistance
Steering ratio	15.9
Turning circle in m (<i>ft</i>)	11.8 (38.7)
Brake system	Dual-circuit brake system with black/white split for front/rear axles; Front: aluminum fixed calipers; Rear: floating calipers with integrated electronic parking brake
Brake disk diameter front / rear in mm (<i>in</i>)	338 / 330 (13.3 / 13.0)

Performance / fuel / acoustics

Top speed in km/h (<i>mph</i>)	222 (137.9)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	7.6
Fuel type / octane value / fuel standard	Diesel / DIN EN 590

Consumption / emission*

Efficiency class	A
Fuel consumption, urban / extra-urban / combined according to NEDC in l/100 km (US mpg)	6.1 (38.6) / 5.0 - 4.8 (47.0 - 49.0) / 5.4 - 5.3 (43.6 - 44.4)
CO ₂ emissions, combined according to NEDC in g/km (g/mi)	143 - 139 (230.1 - 223.7)

Servicing / guarantee (Germany)

Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	17 / 25 / 26

Weights / loads

Unladen weight without driver / with driver / gross weight limit in kg (lb)	1805 (3979.3) / 1880 (4144.7) / 2510 (5533.6)
Front / rear axle load limit in kg (lb)	1245 (2744.8) / 1335 (2943.2)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (lb)	2400 (5291.1) / 2400 (5291.1) // 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	75 (165.3) / 100 (220.5)

Capacities

Cooling system capacity (incl. heating) in l (US gal)	12.3 (3.2)
Engine oil capacity, including filter (change volume) in l (US qt)	5.5 (5.8)
Fuel tank capacity / optional in l (US gal)	65 (17.2) / 70 (18.5)
AdBlue fuel tank capacity / optional in l (US gal)	12 (3.2) / 24 (6.3)

Dimensions / body

Body type / number of doors / number of seats	Unitary steel/aluminum composite construction / 5 / 5
Drag coefficient C _d / frontal area A in m ² (sq ft)	0.31 / 2.64 (28.4)
Standard dimensions (length / width excluding mirrors / height with steel springs / air springs) in mm (ft)	4682 (15.4) / 1893 (6.2) / 1662 (5.5) / -
Vehicle width, including mirrors, in mm (in)	2140 (7.0)
Wheelbase // track width front/rear in mm (ft)	2819 (9.2) // 1616 (5.3) / 1609 (5.3)
Overhang angle of steel springs, front / rear in degrees	21.30 / 18.30
Height of loading edge in mm (ft)	760 (2.5)
Open luggage compartment - behind the 2 nd seat row in l (cu ft)	520 (18.4)
Largest luggage capacity - behind the 1 st seat row in l (cu ft)	1520 (53.7)

*Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used