

<b>Technical Data</b>	<b>Q8 55 TFSI quattro tiptronic 250 kW</b>
<b>Program for Germany</b>	Status: 02/18/2019
<b>Engine / electrics</b>	
<b>Engine type</b>	V6 engine
<b>Valve gear / number of valves per cylinder</b>	Roller cam follower, continuous intake and exhaust camshaft adjustment, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder
<b>Displacement in cc / bore x stroke in mm / compression</b>	2995 / 84.5 x 89.0 / 11.2
<b>Max. power output in kW (hp) / at rpm</b>	250 (340) / 5000 - 6400
<b>Max. torque in Nm (lb-ft) / at rpm</b>	500 (368.8) / 1370 - 4500
<b>Mixture preparation</b>	Direct injection, lambda control, knock control, turbocharger, intercooler
<b>Exhaust emission control</b>	Catalytic converter, oxygen sensor, gasoline particulate filter
<b>Emissions standard</b>	EU6
<b>Start-stop / REM</b>	yes / yes
<b>Battery in A / Ah</b>	380 / 68
<b>Max. electrical output at 12V in kilowatts</b>	3
<b>On-board voltage 1 in volts</b>	12
<b>On-board voltage 2 in volts</b>	48
<b>Drivetrain / transmission</b>	
<b>Drive type</b>	quattro permanent all-wheel drive with self-locking center differential
<b>Type of center differential</b>	Self-locking
<b>Type of rear axle differential</b>	Standard
<b>Clutch</b>	Hydraulic torque converter with lock-up clutch
<b>Transmission type</b>	8-speed tiptronic / automatic
<b>Transmission ratio in 1st/2nd gear</b>	5.000 / 3.200
<b>Transmission ratio in 3rd/4th gear</b>	2.143 / 1.720
<b>Transmission ratio in 5th/6th gear</b>	1.313 / 1.000
<b>Transmission ratio in 7th/8th gear</b>	0.823 / 0.640
<b>Reverse gear ratio / final drive ratio 1-2</b>	3.478 / 3.504
<b>Suspension / steering / brakes</b>	
<b>Type and design of front-axle suspension</b>	Five-link front suspension; tubular anti-roll bar
<b>Type and design of rear-axle suspension</b>	Five-link rear suspension; tubular anti-roll bar
<b>Steering</b>	Electromechanical steering with speed-dependent power assistance
<b>Steering ratio min. / max.</b>	14.6 / 14.6
<b>Turning circle / turning circle optional in m (ft)</b>	13.3 / not available
<b>Brake control system</b>	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
<b>Tires (basic)</b>	265/55 R 19 113 Y XL (Extra Load)
<b>Wheels (basic)</b>	Forged aluminum 8.5Jx19"

<b>Performance / acoustics</b>	
Top speed in km/h ( <i>mph</i> )	250 (155.3)
Limited	Yes
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	5.9
Fuel type / octane value	Gasoline / 95
Fuel standard	Premium sulfur-free according to DIN EN 228
Exterior noise level when stationary / drive-past as per ECE R51.02 / drive-past as per ECE R51.03 in db (A)	78.5 / 65 / 67
<b>Consumption / emissions*</b>	
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	11.6-11.4 (20.3-20.6) / 7.7-7.4 (30.5-31.8) / 9.1-8.9 (25.8-26.4)
CO <sub>2</sub> emissions combined in grams per kilometer ( <i>g/mi</i> )	207-202 (333.1-325.1)
<b>Servicing / guarantee (Germany)</b>	
Service interval	30,000 km (18,641.1 <i>mi</i> ) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	21 / 27 / 29
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	2095 (4618.7) / 2170 (4784.0) / 2820 (6217.0)
Front/rear axle load limit in kg ( <i>lb</i> )	1445 (3251.8) / 1490 (-)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> ) (with standard suspension)	2700 (5952.5) / 2700 (5952.5) // 750 (1653.5)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg ( <i>lb</i> ) (with adaptive air suspension)	3500 (7716.2) / 3500 (7716.2)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 115 (253.5)
Permissible nose weight in kg ( <i>lb</i> ) (with adaptive air suspension)	140 (308.6)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters ( <i>US gal</i> )	13.7 (3.6)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	7.6 (8.0)
Fuel tank capacity in liters ( <i>US gal</i> )	85 (22.5)
<b>Dimensions / body</b>	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.33 / 2.84 (30.6)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	4986 (16.4) / 1995 (6.5) / 1705 (5.6) / 1705 (5.6)
Width including mirrors in mm ( <i>ft</i> )	2190 (7.2)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2995 (9.8) / 1679 (5.5) / 1691 (5.6)
Overhang angle of steel springs, front/rear in degrees	16.6 / 22.2
Overhang angle of air springs, front/rear in degrees	22.1 / 23.8
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	820 (2.7) / 820 (2.7)
Luggage capacity behind 2nd seat bench in l ( <i>cu ft</i> )	605 (21.4)
Largest luggage compartment capacity - behind the 1st seat row in l ( <i>cu ft</i> )	1755 (62.0)

\* Fuel consumption and CO<sub>2</sub> emission figures given in ranges depend on the tires/wheels used