

Technical Data – Audi TT quattro sport (176 kW)

Programme for Germany – Status: March 2005

Model	Audi TT quattro sport
Engine / electrics	
Engine type	Four-cylinder spark-ignition engine with exhaust-gas turbocharger and 2 intercoolers, DOHC
Valve gear / number of valves per cylinder	Hydraulic bucket tappets / 5
Displacement in cc / bore x stroke in mm / compression	1781 / 81.0 x 86.4 / 9.0
Max. power output in kW (bhp) / at rpm	176 (240) / 5700
Max. torque in Nm / at rpm	320 / 2300-5000
Engine management / mixture preparation	Motronic ME 7.5: fully electronic sequential injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution; cylinder-selective adaptive knock control, air-mass measurement, integrated boost control; coordinated torque control; intake camshaft adjustment
Exhaust emission control	Heated oxygen sensor, activated carbon filter, 3-way catalytic converter
Emission category	EU 3
Alternator in A / battery in A/Ah	120 / 380/68
Drive / transmission	
Type of drive	Permanent all-wheel drive using electronically controlled hydraulic multi-plate coupling
Clutch	Hydr. operated single-plate dry clutch with asbestos-free linings
Gearbox type	6-speed manual gearbox
Gear ratio in 1st gear / 2nd gear	3.357 / 2.087
Gear ratio in 3rd gear / 4th gear	1.469 / 1.088
Gear ratio in 5th gear / 6th gear	1.108 " / 0.912 "
Gear ratio in reverse gear	3.990
Final drive ratio / final drive ratio II	4.235 / 3.273 "
Running gear / steering / brakes	
Front suspension	McPherson struts with lower wishbones, subframe, anti-roll bar
Rear suspension	Longitudinal double wishbone, subframe, anti-roll bar, gas pressure shock absorbers
Steering / steering ratio / turning circle in m (D102)	Maintenance-free rack-and-pinion steering with power assistance / 15.67 / approx. 10.6
Brake system, front/rear	Dual-circuit brake system with diagonal split. ABS/EBD with ESP and brake assist; brake servo; ventilated discs, front and rear
Wheels/tyres	8 / 8.5 J x 18 cast aluminium wheels of 15-spoke design / 235/40 R 18 Y
Performance / consumption / acoustics	
Maximum speed in km/h	250
Acceleration 0-100 km/h in sec	5.9
Fuel grade	Super Plus unleaded, 98 RON
Fuel consumption: urban/extra urban/overall, l/100 km	13.2 / 7.0 / 9.3
CO ₂ mass emission, g/km	223
Standing / drive-past exterior noise level in dB (A)	87 / 73
Servicing / warranty (Germany)	
Long-life service after a maximum of ... km	According to service indicator up to 30,000 km / max. 2 years ¹⁾
Vehicle / paint / rust penetration warranty	2 years with unlimited mileage / 3 years / 12 years
Insurance classification	23 (fully comprehensive) / 23 (part-comprehensive) / 14 (third party)
Weights / loads	
Unladen weight in kg (excl. driver) / gross weight limit in kg	1390 / 1775
Axle load limit at front / rear in kg	995 / 860
Trailer load limit, unbraked in kg	-
Trailer load limit on 8% / 12% gradient, braked in kg	- / -
Roof load limit in kg	75
Capacities	
Cooling system capacity (incl. heating) in l	7
Engine oil capacity (incl. filter) in l	4.5
Fuel tank capacity in l	62
Body / dimensions	
Body type	Fully galvanised, unitary steel body, aluminium bonnet
Number of seats	2
Drag coefficient c _D / frontal area A in m ²	0.32 / 1.99
Length (L103)/width excl. mirrors (W103) / height (H100), mm	4041 / 1764 / 1343
Wheelbase (L101) / track at front/rear (W101/W102), mm	2429 / 1538 / 1517
Height of loading lip in mm (H195)	765
Luggage capacity in l, acc. to VDA block method (V210)	210 (630 with dividing net folded down)

¹⁾ depending on driving style and operating conditions

²⁾ final drive ratio II = three-shaft gearbox