



Touareg R5 - Pneumatic suspension **128 kW (174 hp)**

Engine, Electrics

Type of engine / Installation position	5-cyl. diesel engine TDI / front longitudinal installation
Material cylinder head/engine block	Aluminium / Aluminium alloy
Bore/Stroke [mm]	81 / 95,5
Effective displacement [cm³]	2.460
Valves per cylinder/drive	2, parallel / direct, bucket-type tappets
Number of camshafts / Drive configuration	1 / at the top of the cyl. head / gearwheels
Crankshaft movement in degrees	18
Number of crankshaft bearings	6
Compression [:1]	18
Mixture formation	Diesel direct injection system with integrated injectors
Charging / Type/pressure	Exhaust gas turbocharger / Boost pressure
Ignition system	Exhaust gas turbocharger, charge air cooler
Emission control system	Two-way oxidising catalytic converter
Power output [kW (hp) at rpm]	128 (174) / 3.500
Max. torque [Nm at rpm]	400 / 2.000 -
Alternator (A)/battery (A) (Ah)	150 / 450 (95)

Performance (at currb weight + 200 kg)

0-80/100 km/h [s]	- / 12,9
0 - 400/1000m [s]	- / -
60 - 120 km/h, 4th/5th gear [s]	- / -
80 - 120 km/h, 4th/5th gear [s]	- / 10,1
Top speed [km/h]	184



Fuel Consumption (99/100/EG)

Fuel type (Octane/CN)	Diesel 49 CZ / PME
Urban [l/100 km]	13,6
Extra-urban [l/100 km]	8,1

Power transmission

Type of clutch	Converter with lock-up clutch
Gearbox	Six-speed automatic 4XMOTION
<i>Ratios [:1]</i>	
1st gear	4,15
2nd gear	2,37
3rd gear	1,56
4th gear	1,16
5th gear	0,86
6th gear	0,69
Reverse	3,39
Axle ratio (Primary stage)	4,1 / -
Running gear	Front and rear independent suspension: double wishbones with pneumatic springs with low friction spring bellows, continuously regulated electronically controlled dampers. Hydraulic power assisted rack and pinion steering, front and rear anti-roll bars, ESP
Wheels	7 1/2 Jx17
Tyres	235/65 R 17 V
Brakes	Disc brakes front and rear, front discs ventilated, ABS, EPBD, brake assist system.
Type of ABS	hydraulic ABS system
Ø Discs/drums front/rear [mm]	308 / 314
Handbrake effective on	at the rear wheels

**Interior dimension**

Number of seats	5
Front entry, wide/high [mm]	919 / 795
Legroom front [mm]	919 / 1.112
Elbow width at front/rear [mm]	1.504 / 1.505

Luggage compartm.

Length, rear seat raised/folded d. [mm]	1.001 / 1.678
Width [mm]	1.160
Width between wheel arches [mm]	1.160
Height [mm]	838
Load height up to headlining [mm]	945
Vol. acc. to VDA measurem.	
rear seat raised/folded d.	555 / 1.525

Weights

Unladen weight, incl. driver [kg] , 2/4-doors	- / 2.229
Perm. gross weight [kg]	2.850
Perm. axle load, front/rear [kg]	1.425 / 1.610
Perm. trailer load up to 12%, braked /unbraked [kg]	3.500 / 750
Perm. drawbar weight/roof load [kg]	140 / 100

Capacities

Engine oil [l]	7,4
Coolant [l]	13,2
Fuel tank [l]	100



Exterior dimensions

Length/width/height [mm]	4.754 / 1.928 / 1.726
Wheelbase [mm]	2.855
Track, front/rear [mm]	1.655 / 1.670
Turning circle [m]	11,6
Steering ratio [:1]	14,7