

ABT[®]

Johann Abt

SIGNATURE EDITION

LIMITED TO
64 VEHICLES



ABT RS6 Johann Abt Signature Edition

Consumption values in l/100 km (the indicated consumption values refer to the production vehicle):
Urban 16.1 – 16.2; out of town 8.9 – 8.8; combined 11.6 – 11.5. CO2 emissions combined: 265 – 263 g/km.
Charts show customising measures according to road traffic regulations (StVZO) for alterations
to road traffic vehicles. As of 30/04/2021

WWW.ABT-SPORTSLINE.COM

ABT Sportsline GmbH · Johann-Abt-Strasse 2
D-87437 Kempten · Phone 0831 / 57140-0

ABT POWER R

589 kW (800 HP), 980 Nm

Due to a better inflow of the enlarged ABT intercoolers, we increase the potential of the ABT Power R package. In addition, for thermal protection, an additional engine oil cooling system was installed to keep the engine at an optimal temperature level. The additional oil cooling consists of a finned oil cooler and an electric circulation pump with a control from the AEC depending on the oil temperature. It was tested, secured, verified and approved on the roller dynamometer, the motorway, in the mountains and on the test track.

ABT AERODYNAMICS / EXTERIEUR

ABT front lip incl. front lip fins (Signature Carbon Red) with Johann Abt signature

ABT front blades (Signature Carbon Red)

ABT front skirt inserts (Signature Carbon Red) incl. air inlet screens and air flows

ABT front grill add-on (Signature Carbon Red)

ABT mirror caps (Signature Carbon Red)

ABT side skirts tops and inserts (Signature Carbon Red)

ABT Sideblades (Signature Carbon Red)

ABT wheelhouse ventilation front and rear (Signature Carbon Red)

ABT rear skirt insert (Signature Carbon Red) with Johann Abt signature

ABT trim strip rear (Signature Carbon Red)

ABT rear spoiler (Signature Carbon Red) with rear spoiler lip in black gloss

ABT halo projection with **ABT** logo

ABT EXHAUST

ABT exhaust system incl. 2 x **ABT** double end pipes (matte black) with **ABT** logo Ø 102 mm

ABT SUSPENSION

ABT height adjustable suspension springs

ABT anti rollbars

ABT WHEELS

ABT HIGH PERFORMANCE „Johann Abt Signature Edition 22“ forged wheel glossy black with tyres 285/30 R22 and TPMS

ABT freely rotating hub covers with **ABT** logo

ABT INTERIOR

ABT steering wheel badge

ABT shift knob cover (Signature Carbon Red) with **ABT** logo

ABT gearshift paddles (Signature Carbon Red)

ABT integrated entrance lights with Johann Abt signet

ABT door sills „Since 1896“

ABT floor mat set with Johann Abt signet badge

ABT seat frame covers (Signature Carbon Red)

ABT refinement of central armrest with Johann Abt signet

ABT center console trim incl. time capsule

ABT start-stop-switch-cap

ABT dashboard inlay incl. vehicle numbering (# of 64)

ABT dashboard covers (Signature Carbon Red)

ABT seat refinement front and rear (embossed **ABT** logo in the headrest, embroidered Johann Abt signature in the shoulder area)

ABT entry area refinement (alcantara)

ABT decorative panels (Signature Carbon Red)

ABT refinement of door inlays (front and back) with honeycomb stitching and Johann Abt signet badge

| TECHNICAL DATA | HP / KW | NM | Vmax |
|-------------------------------------|-----------|--|------|
| SERIE RS6 | 600 / 441 | 800 Nm from 2050 to 4500 1/min | 250 |
| JOHANN ABT SIGNATURE EDITION | 800 / 589 | 980 Nm from 2750 to 5000 1/min max. 1000 Nm at approx. 4400 1/min | 330 |

| ACCELERATION VALUES | 0 – 100 | 100 – 200 | 200 – 300 | 0 – 300 |
|-------------------------------------|----------|-----------|-----------|-----------|
| SERIE RS6 (FACTORY DATA) | 3,6 sec | | | |
| JOHANN ABT SIGNATURE EDITION | 2,91 sec | 6,88 sec | 18,54 sec | 28,35 sec |

FACTS AFTER TESTING IN PAPENBURG AND IN THE WIND TUNNEL

| TEST | RESULT |
|---------------------------------------|--|
| Performance | stable power output of 800 hp / 589 kW drive line for full-load continuous driving on the oval circuit at 330 km/h |
| Performance development | large usable speed range with over 980 Nm, at peak even 1000 Nm |
| Cooler package | very high thermal stability for all requirements due to optimised charge air cooling and enlarged air intakes at the front and the additional, demand-controlled engine oil cooling system |
| Stability of the performance increase | all test kilometres and loads on the drive train under full load were completed without problems → the entire drive system was certified to withstand full loads. |
| Wind tunnel | aerodynamic breakaway edge at the rear of the vehicle due to the additional rear spoiler lip , good aerodynamic efficiency, clean airflow to the wheel and brake due to the front air deflectors. |
| Aerodynamic stability | balanced aerodynamic behaviour; approx. 150 kg more downforce on the rear axle compared to the standard model |
| Brake cooling | very good brake cooling due to the aerodynamics and ventilation of the wheels |
| Longitudinal and lateral dynamics | reduced pitch and roll of the vehicle over the lateral and longitudinal axis for optimal longitudinal and lateral dynamics |
| Handling | more „bite“ on the front axle for optimal handling and steering behavior |
| Deceleration / Fading Full braking | Decelerations of > 9 m/s² even during the 4th emergency braking; all brakings were without fading (3 full brakings are required by the TÜV). |