

## TUONO 1000 R

### TECHNICAL CHART

#### Engine

V60 Magnesium Evolution. Longitudinal 60° V twin, four stroke. Liquid cooling with three-way pressurised circuit. Double overhead cams, mixed gear/chain timing drive, four valves per cylinder. Patented AVDC anti-vibration double countershaft.

#### Fuel

95 RON unleaded petrol.

#### Bore and stroke

97 x 67.5 mm.

#### Displacement

997.62 cc.

#### Compression ratio

11.8:1.

#### Maximum power at the crank

102 kW (139 HP) at 9,500 rpm.

#### Maximum torque at the crank

10.9 kgm (107 Nm) at 8,500 rpm.

#### Fuel system

Integrated electronic engine management system. Indirect multi-point electronic injection. 57 mm diameter throttle bodies.

#### Ignition

Digital electronic ignition, integrated with the injection control system. One spark plug per cylinder.

#### Starting

Electric starter.

#### Exhaust system

Two silencers with three way catalytic converter and lambda probe oxygen sensor (Euro 3).

#### Generator

12 V – 500 W.

#### Lubrication

Dry sump with separate oil reservoir.  
Double trochoid pump with oil cooler.  
Steel oil reservoir.

#### Gearbox

6 speed. Transmission ratios:

1st 34/15 (2.27)

2nd 31/19 (1.63)

3rd 26/20 (1.3)

4th 24/22 (1.091)

5th 24/25 (0.96)

6th 23/26 (0.88)

#### Clutch

Multiple disc in oil bath with patented PPC power-assisted hydraulic control.  
Metal braid clutch line.  
Radial master cylinder with 15 mm piston.

#### Primary drive

Spur gears. Transmission ratio: 60/31 (1.935:1).

#### Final drive

Chain.  
Transmission ratio: 40/16 (2.5:1).

#### Frame

Box section sloping twin-spar frame in aluminium alloy.

#### Front suspension

Showa 43 mm upside-down fork with adjustment for spring preload, compression and rebound damping. 120 mm wheel travel.

#### Rear suspension

Aluminium alloy double banana swingarm. APS (Aprilia Progressive System) rising rate linkages.  
Sachs hydraulic monoshock with adjustment for spring preload and rebound damping.  
Wheel travel 133 mm.

#### Brakes

Front: Brembo double floating disc in stainless steel, Ø 320 mm.  
Brembo triple bridge caliper with four 34 mm pistons and four sintered pads.  
Metal braided brake line.  
Rear: Brembo stainless steel disc, Ø 220 mm. Twin piston calliper, 32 mm diameter pistons, sintered pads. Metal braided brake line.

#### Wheels

Aluminium alloy.  
Front: 3.50 x 17"  
Rear: 6.00 x 17".

#### Tyres

Radial tubeless.  
Front: 120/70 ZR 17.  
Rear: 190/50 ZR 17 (alternative: 180/55 ZR 17 and 190/55).

#### Dimensions

Maximum length: 2,025 mm  
Maximum width: 830 mm (at handlebars)  
Maximum height: 1,100 mm (at handlebars)  
Seat height: 810 mm  
Handlebar height: 1,020 mm at bar ends  
Wheelbase: 1,410 mm  
Trail: 103.7 mm  
Steering angle: 25°

#### Dry weight (without battery)

185 kg

#### Tank

Capacity 18 litres, 4 litre reserve.

#### Accessories

Aprilia by Akrapovic Street Legal 2x2 slip-on silencers; Aprilia By Akrapovic Street Legal complete exhaust system, provision for Öhlins forks with radial caliper mountings, Öhlins aluminium monoshock, Öhlins steel monoshock, Öhlins adjustable steering damper, adjustable aluminium footrests, ergal reverse pattern gear shifter, forged magnesium wheels (red), Z-15 sprocket, protective bobbin kit, carbon fibre RH-LH side panels, carbon fibre expansion chamber guard, carbon fibre oil tank guard, carbon fibre RH-LH spoilers, carbon fibre LH side panel, carbon fibre seat cover, carbon fibre front mudguard, carbon fibre rear mudguard, carbon fibre RH-LH heel guards, structural carbon fibre handlebar pivot hand guards, large clear windshield kit, tank bag, paddock stand, Aprilia electronic anti-theft system (+installation kit).