



## RSV4 - TECHNICAL SPECIFICATIONS

<b>ENGINE TYPE</b>	Aprilia 4 longitudinal 65° V4 cylinder, 4-strokes, liquid cooling system, double overhead camshaft (DOHC), four valves per cylinder
<b>BORE AND STROKE</b>	81 x 53.32 mm
<b>TOTAL ENGINE CAPACITY</b>	1,099 cc
<b>COMPRESSION RATIO</b>	13.6:1
<b>MAXIMUM POWER AT CRANKSHAFT</b>	217 HP (159.5 kW) at 13,000 rpm
<b>MAXIMUM TORQUE AT CRANKSHAFT</b>	125 Nm at 10,500 rpm
<b>POWER SUPPLY</b>	Airbox with front dynamic air intakes. 4 Marelli 48-mm throttle bodies with 8 injectors and Ride-By-Wire engine management.
<b>TRANSMISSION</b>	6-speed cassette type gearbox Gear lever with Aprilia Quick Shift electronic system (AQS)
<b>CLUTCH</b>	Multi plate wet clutch with mechanical slipper system
<b>PRIMARY DRIVE</b>	Straight cut gears and integrated flexible coupling, drive ratio: 73/44 (1,659)
<b>SECONDARY DRIVE</b>	Chain: Drive ratio: 41/16 (2,562)
<b>CONTROLS MANAGEMENT</b>	APRC system (Aprilia Performance Ride Control) that includes engine maps (AEM), engine brake control (AEB), traction control (ATC), wheelie control (AWC), launch control (ALC), cruise control (ACC), speed limiter (APT). 6 riding modes (3 Road, 3 Track)
<b>CHASSIS</b>	Sachs steering damper
<b>FRONT SUSPENSION</b>	Sachs fork Ø 43 stanchions, adjustable compression and rebound, travel 127 mm
<b>REAR SUSPENSION</b>	Sachs monoshock adjustable in: hydraulic compression and rebound damping and spring pre-load, 130 mm travel
<b>BRAKES</b>	Front: Dual 330-mm diameter floating stainless steel disc with lightweight stainless steel rotor and aluminium flange with 6 pins. Brembo Stylema® monobloc radial callipers with 4 Ø 30 mm opposing pistons. Sintered pads. Radial pump and metal braided brake hose Rear: 220 mm diameter disc; Brembo calliper with two Ø 32 mm separate pistons. Sintered pads. Pump with integrated tank and metal braided hose Bosch ABS with cornering function and 3 map settings, equipped with RLM (Rear wheel Lift-up Mitigation) strategy
<b>WHEELS</b>	Aprilia in aluminium alloy wheels with 3 split spoke design Front: 3.5"x17" Rear: 6"x17"
<b>TYRES</b>	Radial tubeless. front: 120/70 ZR 17 rear: 200/55 ZR 17 (alternative: 190/50 ZR 17; 190/55 ZR 17)
<b>DIMENSIONS</b>	Wheelbase: 1435.8 mm Length: 2055 mm Width: 735 mm Saddle height: 845 mm Headstock angle: 24.6° Trail: 104.5 mm
<b>KERB WEIGHT</b>	202 kg (90% fuel)
<b>EMISSIONS COMPLIANCE</b>	Euro 5
<b>CONSUMPTION</b>	6.90 litres/100 km
<b>CO2 EMISSIONS</b>	160 g/km
<b>FUEL TANK CAPACITY</b>	17.9 litres (including 4-litre reserve)
<b>COLOUR RANGE</b>	Dark Losail