



RSV4 RF

Technical Specifications

Engine	Aprilia V-4 cylinder, 4-stroke, liquid-cooled 65° with double overhead camshaft (DOHC), four valves per cylinder. Ride By Wire with 3 engine mappings (Sport, Race, Track)
Displacement	999.6 cc
Max. power at camshaft	201 hp (148 kW) at 13,000 rpm
Max. torque at camshaft	115 Nm at 10,500 rpm
Cooling	Liquid
Front suspension	Öhlins upside-down fork, 43 mm stems Fully adjustable spring preload, hydraulic rebound and compression 120 mm wheel travel
Rear suspension	Double-sided aluminium swingarm; Öhlins single shock absorber with piggy-back, adjustable spring preload, wheelbase, hydraulic compression and rebound APS progressive linkage. 130 mm wheel travel
Front brake	Ø 320 mm floating double disc with aluminium carrier. Brembo M430 4-piston mono-block radial calipers Radial pump and metal braid brake pipes
Rear brake	Ø 220mm disc. Brembo Ø 32 mm 2 isolated piston caliper Pump with integrated tank and metal braid pipe
ABS system	Bosch 9MP ABS, adjustable to 3 mappings, with de-selectable RLM (Rear wheel Lift-up Mitigation) strategy
Front wheel	3.5" x 17" forged aluminium alloy wheel, fully machined, with 5 double spokes Tyre: 120/70 ZR 17"
Rear wheel	6" x 17" forged aluminium alloy wheel, fully machined, with 5 double spokes Tyre: 200/55 ZR 17"
Seat height	840 mm
Fuel tank capacity	18.5 litres - 4 reserve
Emissions compliance	Euro 3
Electronic management	APRC (Aprilia Performance Ride Control) system including Traction Control (ATC), Wheelie Control (AWC), Launch Control (ALC), Quick Shift (AQS), all independently settable and de-selectable. V4-MP ready