

**Engine Type**

Aprilia longitudinal 65° V-4 cylinder, 4-stroke, liquid cooling, double overhead camshafts (DOHC), four valves per cylinder  
 999.6cc  
 3.1" x 2.6" (78 x 52.3 mm)

**Displacement****Bore and stroke****Compression ratio****Maximum power/torque****Exhaust system**

180 CV (132.4 kW) at 12,500 rpm / 115 Nm at 10,000 rpm  
 4 into 2 into 1 layout, single oxygen sensor, lateral single silencer  
 with engine control unit-controlled butterfly valve and integrated  
 trivalent catalytic converter (Euro 3)

**Gearbox****Final drive****Front suspension**

6 speed  
 Chain, transmission ratio: 40/16 (2.5)

43 mm upside-down fork, 120 mm wheel travel-ohlins adjustable

**Rear suspension**

Twin sided aluminium swingarm; mixed low thickness and sheet casting technology, Ohlins Racing monoshock with piggyback with completely adjustable. Wheel travel 130 mm

**Front brakes**

Double Brembo 320 mm stainless steel floating discs. Four-piston radial calipers. Metal braided brake line

**Rear brakes**

Brembo 220 mm stainless steel disc. Double piston caliper. Metal braided brake line

**Wheels**

Front: Aluminium alloy with 6 split spokes, 3.5" x 17" Rear: Aluminium alloy with 5 split spokes, 6" x 17"

**Tires**

Tubeless radial 120/70 ZR 17" / 190/50 ZR 17" (alternative: 190/50 ZR 17)

**Length/Width/Height**

80.3" / 31.5" / 44.7"

**Saddle height/Dry weight**

33.3" / 406 lbs (184 kg)

**Fuel tank capacity**

4.49 gallons (17 liters)



**RSV4 R** was developed by the legendary Aprilia race division and purpose-built for world superbike. Aprilia is setting a new standard for sport bikes. Soon, it will be in your garage, a snarling, slumbering beast waiting for you to crack the throttle.

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