

# SR50R



## Technical Specifications

### Aprilia SR50R

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<b>Engine</b>	Liquid cooled, single horizontal cylinder, two stroke.
<b>Displacement</b>	49cc
<b>Bore and stroke</b>	40 x 39.3 mm
<b>Fuel</b>	Unleaded petrol
<b>Compression ratio</b>	12.1:1
<b>Maximum power</b>	2.7 kW (3.7 HP) at 6,500 rpm
<b>Max torque</b>	4.3 Nm at 6,000 rpm
<b>Fuel system</b>	Dell'Orto 17.5 mm carburettor
<b>Alternator</b>	70 W
<b>Ignition</b>	CDI capacitor discharge ignition
<b>Lubrication</b>	Separate with mechanical oil pump
<b>Gearbox</b>	Automatic with continuous speed variation
<b>Clutch</b>	Automatic centrifugal dry clutch
<b>Primary drive</b>	V belt.
<b>Final drive</b>	Gears
<b>Frame</b>	Split single cradle in high strength steel tube
<b>Front suspension</b>	Hydraulic fork. Wheel Travel 90 mm
<b>Rear suspension</b>	Engine acting as swing arm, coupled to frame by linkages mounted on two silent-block radial vibration dampers. Wheel Travel 69 mm
<b>Brakes</b>	Front: 190 mm disc with racing calliper and two 32 mm opposing pistons Rear: 190 mm disc with racing calliper and two 30 mm opposing pistons
<b>Tyres</b>	Tubeless. Front: 130/60 13" Rear: 130/60 13"
<b>Overall length</b>	1,860 mm
<b>Wheelbase</b>	1,260 mm
<b>Seat height</b>	795mm
<b>Fuel tank capacity</b>	7.0 litres (1.2L reserve)

*Rick Gill*  
Motorcycles