

## Technical Specifications

aprilia

### Aprilia RS 125



Engine Type	Single cylinder two-stroke. Aluminium cylinder with Nikasil coated liner. Reed valve induction.
Cooling	Liquid-cooled.
Capacity	124.8 cc.
Bore and stroke	54 x 54.5 mm.
Compression ratio	12.5 ± 0.5: 1.
Maximum power output	N/A.
Max Torque	N/A.
Fuel supply/ignition	Dell'Orto VHST 28 carburettor. Electronic CDI ignition.
Exhaust system	Steel expansion chamber with brushed aluminium muffler and catalyser-equipped.
Homologation	Euro 3.
Gearbox	6 speed.
Lubrication	Separate mixing with variable displacement, volumetric pump.
Primary drive	Helicoidal gears, ratio 63/19 = 3.31: 1.
Final drive	Chain 17/40 = 1: 2.35.
Clutch	Multi-plate in oil bath.
Frame	Sloping twin-spar frame in thin wall box section cast aluminium, with reinforced cross ribbing.
Wheelbase	1,345 mm.
Steering Rake	N/A.
Steering Trail	N/A.
Front suspension	Upside down Ø 40 mm forks with radial caliper mounting.
Front wheel travel	120 mm.
Rear suspension	Swingarm with asymmetric members in thin wall box section cast aluminium. Hydraulic monoshock with stepless spring preload adjustment.
Rear wheel travel	120 mm.
Front brakes	Single floating 320mm disc with four-piston radial caliper.
Rear brake	Single 220 mm disc with a twin-piston caliper.
Front Wheels / Tyres	3.00" x 17" / 110/70 x 17".
Rear Wheels / Tyres	4.00" x 17" / 150/60 x 17".
Electrics	12V - 180W alternator.
Battery	12V-6AH.
Dimensions (mm)	
Length	1955.
Width	720.
Height	1100.
Seat height	805.
Ground clearance	N/A.
Dry weight	N/A.
Fuel capacity	14 litres Reserve 3.5 litres.

*Rick Gill*  
Motorcycles