

Aprilia RX 50 Factory

Technical Data Sheet



Engine type	Single cylinder 2-stroke engine with light alloy cylinder, liquid cooled
Bore and stroke	39.88x40 mm
Total engine capacity	50 cc
Compression ratio	11.5:1
Fuel system	With electronically controlled Dell'Orto PHVA 17.5 carburettor
Starter	Kick Starter
Lubrication	Automatic mixer
Transmission	6 speed, drive ratio:
	1st 11/34
	2nd 15/30
	3rd 18/27
	4th 20/24
	5th 22/23
Clutch	6th 23/22
	Multi plate wet clutch
	Straight cut gears, gear ratio: 21/78
	Chain, gear ratio: 11/59
	Twin-tube steel frame
	Upside down fork with Ø 41 mm stanchions, wheel travel 240 mm
Primary drive	
Final drive	
Frame	
Front suspension	
Rear suspension	Aluminium alloy swingarm, mono shock absorber with progressive link system, 200mm wheel travel
Brakes	Front: Ø 260 mm stainless steel disc with floating calliper, 2 pistons
	Rear: Ø 220 mm stainless steel disc with floating calliper
Wheel rims	Radial rims with aluminium channel, front: 1.60 X 21" rear: 1.85 X 18"
Tyres	Front: 80/90 – 21",
	Rear: 110/80 -18"
	Max. length: 2,105 mm
Dimensions	Max. width: 840 mm
	Saddle height: 880 mm
	Wheelbase: 1,395 mm
	Tank
Consumption	2,96 l/100 km
Emissions	72 g/km of CO2
Kerb weight	104 kg
Approval	Euro 4