

Aprilia SX 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 6th 23/22
Clutch	Multi plate wet clutch
Primary drive	Straight cut gears, gear ratio: 21/78
Final drive	Chain, gear ratio: 11/59
Frame	Twin-tube steel frame
Front suspension	Upside down fork with Ø 41 mm stanchions, wheel travel 240 mm
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	Lightweight alloy wheels, front: 2.75 X 17" rear: 3.5 X 17"
Tyres	Front: 100/80 – 17" Rear: 130/70 -17" Max. length: 2,055 mm
Dimensions	Max. width: 840 mm Saddle height: 875 mm Wheelbase: 1,395 mm
Tank	7 litre capacity
Consumption	3,14 l/100 km
Emissions	76 g/km of CO ₂
Kerb weight	104 kg
Approval	Euro 4