

# APRILIA SX 50

## 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      | Telescopic hydraulic fork with Ø 37 mm stanchions, wheel travel 170 mm  |
| Rear suspension       | Swingarm in high resistance steel. Hydraulic monoshock absorber<br>Wheel travel 200 mm.                                   |
| Brakes                | Front: Ø 260 mm stainless steel disc with floating calliper<br>Rear: Ø 220 mm stainless steel disc with floating calliper |
| Wheel rims            | Front: 2.75 X 17" rear: 3.5 X 17"   |
| Tyres                 | Front: 100/80 – 17", rear: 130/70 -17"<br>Max. length: 2,020 mm   |
| Dimensions            | Max. width: 830 mm  |
|                       | Saddle height: 860 mm   |
|                       | Wheelbase: 1,365 mm   |
| Fuel tank capacity    | 7 litres  |
| Consumption           | 3,14 l/100 km   |
| CO2 emissions         | 76 g/km   |
| Kerb weight           | 99 kg   |
| Approval              | Euro 4  |