Royal Enfield Classic

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| [Crystal Clear app kedit.svg](https://en.wikipedia.org/wiki/File:Crystal_Clear_app_kedit.svg) | This article may need to be **rewritten entirely** to comply with Wikipedia's [quality standards](https://en.wikipedia.org/wiki/Wikipedia:Manual_of_Style). [You can help](https://en.wikipedia.org/w/index.php?title=Royal_Enfield_Classic&action=edit). The [discussion page](https://en.wikipedia.org/wiki/Talk:Royal_Enfield_Classic)may contain suggestions. *(January 2017)* |

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| **Royal Enfield Classic 350 - Model 2017** | |
| [Royal Enfield Classic 350 (2017 Model Year).jpg](https://en.wikipedia.org/wiki/File:Royal_Enfield_Classic_350_(2017_Model_Year).jpg) | |
| **Manufacturer** | [Royal Enfield](https://en.wikipedia.org/wiki/Royal_Enfield_(India)) |
| **Production** | since 2009 |
| **Predecessor** | None |
| [**Class**](https://en.wikipedia.org/wiki/Types_of_motorcycles) | [Standard](https://en.wikipedia.org/wiki/Types_of_motorcycles#Standard) |
| [**Engine**](https://en.wikipedia.org/wiki/Motorcycle_engine) | 350cc (carbureted)/ 500cc ([EFI](https://en.wikipedia.org/wiki/Electronic_fuel-injection)) single cylinder [UCE](https://en.wikipedia.org/wiki/Unit_Construction), [OHV](https://en.wikipedia.org/wiki/OHV), digital dual spark ignition system (12 volt) |
| [**Transmission**](https://en.wikipedia.org/wiki/Motorcycle_transmission) | 5-speed integrated gearbox (gear shifter on the left side) |

[Royal Enfield](https://en.wikipedia.org/wiki/Royal_Enfield_(India)) Classic 350 and Classic 500 are models of Royal Enfield motorcycles which have been in production since 2009.

Both the Classic 350 and the Classic 500 feature the new unit construction engine in their 350cc and 500cc variants respectively. However the Classic 350 uses a carburettor for fuel delivery and the Classic 500 has EFI. The Classic 350 has an [ammeter](https://en.wikipedia.org/wiki/Ammeter) while the Classic 500 has a low fuel indicator light and engine check light instead of the ammeter. The ammeter on the Classic 350 is more of a [vestigial remain](https://en.wikipedia.org/wiki/Vestigiality) as the modern Classic 350 has no practical use for it. In the older models with CB points, when the piston was in the top dead centre (CB points closed) then the ammeter would stay in the middle. This feature allowed the rider to use the [decompression lever](https://en.wikipedia.org/wiki/Compression_release) to move the piston to [top dead center](https://en.wikipedia.org/wiki/Top_dead_center) and kick starter with relative ease. Both of these models are more expensive and targeted at a market segment above the [Royal Enfield Bullet](https://en.wikipedia.org/wiki/Royal_Enfield_Bullet) 350 and the Bullet 500.

Both the Classic 350 and the Classic 500 come in a variety of color options.

In 2017 Royal Enfield equipped Classic 500 models with Euro 4 compliance which included ABS brakes for front and rear and better emission control system.

In 2018 Royal Enfield released Classic 350 models with ABS in some markets.

**Royal Enfield Classic 350 specification:**

Engine

* Type single cylinder, 4 stroke, twinspark, aircooled
* Displacement 346cc
* Bore x stroke 70mm x 90mm
* Compression ratio 8.5 : 1
* Maximum power 19.8 bhp @ 5250 rpm
* Maximum torque 28 Nm @ 4000 rpm
* Ignition system transistorised coil ignition
* Clutch wet, multi-plate
* Gearbox 5 speed constant mesh
* Lubrication wet sump
* Engine oil 15 W 50 API, SL grade & above, JASO MA 2
* Fuel supply 29mm, constant vacuum carburettor
* Air cleaner paper element
* Engine start electric/kick

Chassis & suspension

* Type single downtube, using engine as stressed member
* Front suspension telescopic, 35mm forks, 130mm travel
* Rear suspension twin gas charged shock absorbers with 5-step adjustable preload, 80mm travel

Dimensions

* Wheelbase 1370 mm
* Ground clearance 135 mm
* Length 2160 mm
* Width 790 mm (without mirrors)
* Height 1090 mm (without mirrors)
* Seat height
* Kerb weight 192 kg (with 90% Fuel & Oil)
* Fuel capacity 13.5 L

Brakes & tyres

* Tyres Fr. 90/90 - 19
* Tyres Rr. 110/90 - 18
* Brakes front 280mm disc, 2-piston caliper
* Brakes rear 153mm drum, single lead internal expanding

Electricals

* Electrical system 12 volt - DC
* Battery 12 volt, 8 Ah
* Head lamp 12V, H4-60/55W (halogen)
* Tail lamp 12V, P21/5W
* Turn signal lamp 12V, R10W X 4nos

**Royal Enfield Classic 500 specification:**

Engine

* Type single cylinder, 4 stroke, spark ignition, aircooled, fuel injection
* Displacement 499cc
* Bore x stroke 84mm x 90mm
* Compression ratio 8.5 : 1
* Maximum power 27.2 bhp @ 5250 rpm
* Maximum torque 41.3 Nm @ 4000 rpm
* Ignition system digital electronic ignition
* Clutch wet, multi-plate
* Gearbox 5 speed constant mesh
* Lubrication wet sump
* Engine oil 15 W 50 API, SL grade & above, JASO MA 2
* Fuel supply electronic fuel injection
* Air cleaner paper element
* Engine start electric/kick

Chassis & suspension

* Type single downtube, using engine as stressed member
* Front suspension telescopic, 35mm forks, 130mm travel
* Rear suspension twin gas charged shock absorbers with 5-step adjustable preload, 80mm travel

Dimensions

* Wheelbase 1360 mm
* Ground clearance 135 mm
* Length 2140 mm
* Width 790 mm (without mirrors)
* Height 1090 mm (without mirrors)
* Seat height
* Kerb weight 194 kg (with 90% fuel & oil)
* Fuel capacity 13.5 L

Brakes & tyres

* Tyres Fr. 90/90 - 19
* Tyres Rr. 120/80 - 18
* Brakes front 280mm disc, 2-piston caliper
* Brakes rear 153mm drum, single lead internal expanding

Electricals

* Electrical system 12 volt - DC
* Battery 12 volt, 14 Ah
* Head lamp 12V, 60 W / 55 W, halogen
* Tail lamp 12V, P21/5W
* Turn signal Lamp 12V, R10W X 4nos