

ENGINE	YZF-R6
Type	Liquid cooled, 4-stroke, forward inclined, parallel 4-cylinder, 16-valves, DOHC
Displacement	600 cc
Bore & stroke	65.5 x 44.5 mm
Compression Ratio	12.4:1
Max. power (with direct air induction)	92.7 kW (126 HP) @ 13,000 rpm
Max. power (without direct air induction)	88.2 kW (120 HP) @ 13,000 rpm
Max. torque (with direct air induction)	68.5 Nm (6.99 kg-m) @ 12,000 rpm
Max. torque (without direct air induction)	66.4 Nm (6.78 kg-m) @ 12,000 rpm
Lubrication	Wet sump
Carburettor / Fuel supply	Suction piston type electronic fuel injection
Clutch type	Wet multiple-disc
Ignition	DC-CDI
Starter system	Electric
Transmission	Constant mesh, 6-speed
Final transmission	Chain
Primary reduction ratio	1.955
Secondary reduction ratio	3.000
Gear ratio:	
Gear ratio-1st gear	2.846
Gear ratio-2nd gear	1.947
Gear ratio-3rd gear	1.556
Gear ratio-4th gear	1.333
Gear ratio-5th gear	1.190
Gear ratio-6th gear	1.083
CHASSIS	
Frame	Aluminium die-cast Deltabox III
Front suspension	Up-side-down telescopic forks, Ø 41 mm
Front wheel travel	120 mm
Rear suspension	Swingarm (link suspension)
Rear wheel travel	120 mm
Caster angle	24.5°
Trail	95 mm
Front brake	Dual discs, Ø 310 mm
Rear brake	Single disc, Ø 220 mm
Front tyre	120/70 ZR17M/C (58W)
Rear tyre	180/55 ZR17M/C (73W)
DIMENSIONS	
Overall length	2,045 mm
Overall width	690 mm
Overall height	1,105 mm
Seat height	830 mm
Wheelbase	1,385 mm
Min. ground clearance	145 mm
Dry weight	163 kg
Fuel tank capacity (reserve)	17 litres (3.5 litres)
Oil capacity	3.4 litres