



TECHNICAL SPECIFICATION		2009 YZF-R1
ENGINE		
Type	Liquid-cooled, 4-stroke, forward-inclined parallel 4-cylinder, 4-valves, DOHC	
Displacement	998 cc	
Bore x stroke	78.0 x 52.2 mm	
Compression ratio	12.7:1	
Max. Power	133.9 kW (182 PS) @12,500 rpm	
Max. Torque	115.5 Nm (11.8 kg-m) @ 10,000 rpm	
Lubrication system	Wet sump	
Fuel supply system	Fuel Injection	
Clutch type	Wet, multiple-disc coil spring	
Ignition system	TCI	
Starter system	Electric	
Transmission system	Constant mesh, 6-speed	
Final transmission system	Chain drive	
Primary reduction ratio	65/43 (1.512)	
Secondary reduction ratio	47/17 (2.765)	
Gear ratio 1st gear	38/15 (2.533)	
Gear ratio 2nd gear	33/16 (2.063)	
Gear ratio 3rd gear	37/21 (1.762)	
Gear ratio 4th gear	35/23 (1.522)	
Gear ratio 5th gear	30/22 (1.364)	
Gear ratio 6th gear	33/26 (1.269)	
CHASSIS		
Frame	Aluminium Deltabox	
Front suspension	Telescopic forks, Ø 43 mm	
Front wheel travel	120 mm	
Rear suspension	Swingarm	
Rear wheel travel	120 mm	
Caster angle	24°	
Trail	102 mm	
Front brake	Dual discs, Ø 310 mm	
Rear brake	Single disc, Ø 220 mm	
Front tyre	120/70 ZR17M/C (58W)	
Rear tyre	190/55 ZR17M/C (75W)	
DIMENSIONS		
Overall length	2,070 mm	
Overall width	715 mm	
Overall height	1,130 mm	
Seat height	835 mm	
Wheelbase	1,415 mm	
Min. ground clearance	135 mm	
Wet weight (including full oil and fuel tank)	206 kg	
Fuel capacity	18 litres	

Oil capacity	3.73 litres
--------------	-------------

Specification are subject to change without notice, in accordance with national regulation and legislations