



Castrol Honda CBR1000RR – World Superbike championship specification

Engine

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	999.8cm ³
Bore x Stroke	76 x 55.1mm
Compression Ratio	No disclosure
Max. Power Output	>215bhp
Max. Torque	No disclosure
Idling Speed	2600 min-1
Oil Capacity	4.0 litres

Fuel System

Carburetion	PI Research PECTEL
Throttle Bore	46mm
Air cleaner	HRC Kit
Fuel Tank Capacity	22 litres

Electrical System

Ignition System	PI Research PECTEL
Ignition Timing	No Disclosure
Sparkplug Type	NGK
Starter	Electric
Battery Capacity	12V/7AH
ACG Output	350W

Drivetrain

Clutch	Wet, multiplate STM slipper clutch
Clutch Operation	Mechanical; cable-actuated
Transmission Type	HRC Kit
Primary Reduction	1.717 (79/46)
Final Reduction	Sunstar Sprocket (adjustable)
Final Drive	# 520 Regina chain

Frame

Type	Diamond; aluminium composite twin-spar
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Chassis

Dimensions (LxWxH)	2,080 x 685 x 1,130mm
Wheelbase	Length adjustable
Caster Angle	Adjustable
Trail	Adjustable

Suspension

Front	Öhlins FGR00 front fork with TTX System. Damping adjusters: rebound, compression.
Rear	Öhlins TTX36 damper with hydraulic preload adjuster. Damping adjusters: rebound, compression. Length adjuster.

Wheels

Type (front)	PVM Magnesium forged 7-spoke
Type (rear)	PVM Magnesium forged 7-spoke
Rim Size (front)	16.5 x 3.5
Rim Size (rear)	16.5 x 6.25
Tyre Size (front)	120/75 Pirelli
Tyre Size (rear)	190/65 Pirelli

Brakes

Type (front)	Nissin / Yutaka floating 320 x 7mm
Type (rear)	Nissin / Yutaka floating 220 x 5mm

