

CB1000R - CB1000R C-ABS

2010 Press Information



Introduction

The lean, mean and muscular CB1000R dares you to experience the best Naked riding experience of your life. Packing the punch of full-blooded litre-class Super Sports, its compact RR-derived engine delivers awesome power with an exciting focus on low-to-midrange torque.

Its styling is just as dynamic as its performance – a crouching, feline profile is adorned with eye-catching details that highlight its cutting-edge technology. For 2010 two stunning new colour variations show off its top-quality finish and elegantly sculpted bodywork. These include a new Pearl Siena Red/Pearl Nightstar Black version with stripes and painted frame.

Its lightweight and rigid cast aluminium frame holds together a chassis comprised of top Super Sports-class suspension, wheels and brakes that contribute to nimble handling and quick, easy control. A Combined-ABS version is also available, for the smoothest, most confidence-inspiring braking in all situations.

The seat is narrow yet comfortable and the suspension is adjustable for a tailor-made ride, making the CB1000R an attractive option for every kind of ride, from weekday commuting to weekend blasts along twisty roads beyond the city limits. For anyone who relishes the attention that comes with riding a true performer, and the satisfying performance to back it up, the CB1000R offers it all in a compact litre-class road burner that anyone can enjoy.

Colours

- Pearl Siena Red/Pearl Nightstar Black
- Matt Vanguard Beige Metallic
- Pearl Nightstar Black
- Pearl Cool White

Main features

- Compact, lightweight 998cc liquid-cooled fuel-injected inline-4 engine is tuned for dynamic low-to-midrange performance.
- Sophisticated, angular, 'mass forward' design is emphasised by a short compact tail and positions rider forward for a sporty ride.
- Advanced gravity die-cast aluminium Mono-Backbone frame contributes to agile, sporty handling.
- Semi-underslung stainless steel exhaust system lowers centre of gravity and adds to light, responsive handling as well as delivering an exhilarating sound.
- Attractive 17" wheels feature eye-catching swept 4-spoke design.
- Swift-handling, fully adjustable 43mm inverted front fork and cast aluminium Monoshock Pro-Arm swingarm assure precision riding control.
- Lightweight 310mm floating front disc brakes with radial-mount 4-piston calipers and 256mm dual-piston caliper rear disc brake create a powerful stopping force.
- Combined-ABS version features 3-piston front brake calipers and advanced Antilock Brake System for extra assurance in all braking situations.
- Exciting new Pearl Siena Red/Pearl Nightstar Black and Matt Vanguard Beige Metallic colour versions.



Specifications

| General | |
|--------------------|--|
| Model | CB1000R - CB1000R C-ABS |
| Mold Type | ED-type |
| Engine | |
| Type | Liquid-cooled 4-stroke 16-valve DOHC inline-4 |
| Displacement | 998cm ³ |
| Bore x Stroke | 75 x 56.5mm |
| Compression Ratio | 11.2 : 1 |
| Max. Power Output | 92kW / 10,000min ⁻¹ |
| Max. Torque | 99Nm / 7,750min ⁻¹ |
| Idling Speed | 1,200min ⁻¹ |
| Oil Capacity | 3.6 litres |
| Fuel System | |
| Carburation | PGM-FI electronic fuel injection |
| Throttle Bore | 36mm |
| Aircleaner | Dry, cartridge-type paper filter |
| Fuel Tank Capacity | 17 litres (including 4-litre LCD-indicated reserve) |
| Fuel Consumption | 15 (WMTC mode) |
| Electrical System | |
| Ignition System | Computer-controlled digital transistorised with electronic advance |
| Ignition Timing | 5° BTDC (idle) ~ 50° BTDC (10000min ⁻¹) |
| Sparkplug Type | NGK: IMR9E-9HES (NGK); VUH27ES (DENSO) |
| Starter | Electric |
| Battery Capacity | 12V / 8.6AH |
| ACG Output | 350W |
| Headlights | 12V, 55W x 1 (low) / 60W x 1 (high) |
| Drivetrain | |
| Clutch | Wet, multiplate with coil springs |
| Clutch Operation | Hydraulic |
| Transmission | 6-speed |
| Primary Reduction | 1.604 (77/48) |
| Gear Ratios | 2.538 (33/13) |
| | 2 1.941 (33/17) |
| | 3 1.579 (30/19) |
| | 4 1.363 (30/22) |
| | 5 1.217 (28/23) |
| | 6 1.115 (29/26) |
| Final Reduction | 2.750 (44/16) |
| Final Drive | #530 O-ring sealed chain |

| Frame | | |
|------------------------|---|---|
| Type | Mono-backbone; cast aluminium | |
| Chassis | | |
| Dimensions | 2,105 x 785 x 1,095mm | |
| Wheelbase | 1,445mm | |
| Caster Angle | 25° | |
| Trail | 99mm | |
| Turning Radius | 2.8m | |
| Seat Height | 825mm | |
| Ground Clearance | 130mm | |
| Kerb Weight | 217kg (F: 106kg; R: 111kg), *222kg (F: 108kg; R: 114kg) | |
| Max. Carrying Capacity | 188kg | |
| Loaded Weight | 405kg , *410kg | |
| Suspension | | |
| Type | Front | 43mm inverted HMAS cartridge-type telescopic fork with stepless preload, compression and rebound adjustment, 120mm cushion stroke |
| | Rear | Monoshock with gas-charged HMAS damper featuring 10-step preload and stepless rebound damping adjustment, 128mm axle travel |
| Wheels | | |
| Type | Front | Closed-section 4-spoke cast aluminium |
| | Rear | U-section 4-spoke cast aluminium |
| Rim Size | Front | 17M/C x MT3.50 |
| | Rear | 17M/C x MT5.50 |
| Tyre Size | Front | 120/70 ZR17M/C (58W) |
| | Rear | 180/55 ZR17M/C (73W) |
| Tyre Pressure | Front | 250kPa |
| | Rear | 290kPa (with passenger: 290kPa) |
| Brakes | | |
| Type | Front | 310 x 4.5mm dual hydraulic disc with 4-piston (*Combined 3-piston) calipers, floating rotors (*ABS) and sintered metal pads |
| | Rear | 256 x 5mm hydraulic disc with dual-piston caliper (*ABS) and sintered metal pads |