

# CBF600

**2009** Press Information



## Introduction

Heading the mid-displacement Naked class, the CBF600 is a tried and trusted companion for all kinds of riders and all kinds of riding. Its comfortable, 'just fit' proportions are evenly matched with strong performance, low emissions and crisp, sporty handling. This makes it a reliable and versatile all-rounder for novices, commuters and weekend motorcyclists alike. Its compact, fuel-injected inline-4 engine (based on the all-conquering CBR600RR's) is housed in a lightweight cast aluminium frame that feels nimble and easy to handle, both in urban traffic and at higher speeds. The seat and suspension systems are adjustable. Power delivery is seamless and braking is superbly smooth - the ABS version offers the ultimate reassurance of Honda's Combined Antilock Braking System. All this is presented in a sleek and compact package with refreshingly basic styling and beautifully sculpted bodywork. High-powered, yet compact, friendly and easy to handle, the versatile CBF600 is a top Honda-quality celebration of the pure, undiluted pleasure that is classic Naked motorcycling.

- Simple and elegant naked styling provides a timeless attraction and a comfortable ride.
- Lightweight and compact fuel-injected 599cm<sup>3</sup> DOHC inline-four engine tuned for a more comfortable balance of performance and acceleration.
- HECS3 oxygen-sensing catalytic converter system minimises harmful exhaust emissions to ensure full EURO-3 compliance.
- Three-position height-adjustable seat offers custom-fit comfort and long hours of riding enjoyment, whatever your size.
- Advanced die-cast aluminium frame reduces weight while maintaining excellent rigidity for reassuring sportbike handling.
- Compliant 41mm telescopic front fork and Monoshock rear damper deliver smooth, confident handling.

- Responsive stopping power provided by dual-piston caliper dual front disc brakes with 296mm floating rotors and a single-piston caliper rear disc brake.
- Combined-ABS version provides both the smooth operating ease of Combined brakes and the confident control of Honda's most advanced Antilock Brake System.
- New Pearl Amber Yellow colour variation.

### Colours

- Pearl Amber Yellow
- Pearl Nightstar Black
- Quasar Silver Metallic



# Specifications

General		
Model		CBF600
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement		599.3cm <sup>3</sup>
Bore x Stroke		67 x 42.5mm
Compression Ratio		11.6 : 1
Max. Power Output		57kW / 10,500min <sup>-1</sup> (95/1/EC)
Max. Torque		59Nm / 8,250min <sup>-1</sup> (95/1/EC)
Idling Speed		1,300min <sup>-1</sup>
Oil Capacity		3.5 litres
Fuel System		
Carburation		PGM-FI electronic fuel injection
Throttle Bore		32mm
Aircleaner		Dry, cartridge-type paper filter
Fuel Tank Capacity		20 litres (including 4-litre warning light reserve)
Electrical System		
Ignition System		Computer-controlled digital transistorised with electronic advance
Ignition Timing		4° BTDC (idle) ~ 60° BTDC (12,000min <sup>-1</sup> )
Sparkplug Type		CR8EH-9 (NGK); U24FER-9 (DENSO)
Starter		Electric
Battery Capacity		12V / 8.6AH
ACG Output		333W
Headlights		12V, 60W x 1 (low) / 55W x 1 (high)
Drivetrain		
Clutch		Wet, multiplate with coil springs
Clutch Operation		Mechanical; cable-actuated
Transmission		6-speed
Primary Reduction		2.111 (76/36)
Gear Ratios		2.750 (33/12)
	2	1.938 (31/16)
	3	1.556 (28/18)
	4	1.304 (30/23)
	5	1.150 (23/20)
	6	1.042 (25/24)
Final Reduction		2.625 (42/15)
Final Drive		O-ring sealed chain
Frame		
Type		Mono-backbone; gravity die-cast aluminium

Chassis		
Dimensions		2,160 x 765 x 1,110mm
Wheelbase		1,490mm
Caster Angle		26°
Trail		110mm
Turning Radius		2.8m
Seat Height		785mm (±15mm)
Ground Clearance		130mm
Kerb Weight		213kg (F: 103kg; R: 110kg), *218kg (F: 105kg; R: 113kg)
Max. Carrying Capacity		195kg
Loaded Weight		417kg (F: 144kg; R: 273kg)
Suspension		
Type	Front	41mm telescopic fork, 120mm axle travel
	Rear	Monoshock damper with 7-step adjustable preload, 125mm axle travel
Wheels		
Type	Front	U-section twin 6-spoke cast aluminium
	Rear	U-section twin 6-spoke cast aluminium
Rim Size	Front	17M/C x MT3.50
	Rear	17M/C x MT5.00
Tyre Size	Front	120/70 ZR17M/C (58W)
	Rear	160/60 ZR17M/C (69W)
Tyre Pressure	Front	250kPa
	Rear	290kPa
Brakes		
Type	Front	296 x 4.5mm dual hydraulic disc with dual-piston (*Combined three-piston) calipers, (*ABS) and sintered metal pads
	Rear	240 x 5mm hydraulic disc with (*Combined) single-piston caliper, (*ABS) and sintered metal pads

\* Combined-ABS version