

CBF600N - CBF600N C-ABS

2010 Press Information



Introduction

With its refreshingly basic styling and comfortable 'just-fit' proportions, the CBF600N leads the mid-displacement Naked class in offering tried-and-trusted versatility for all kinds of riders and uses.

Novices, commuters and weekend motorcyclists alike appreciate the power of its compact CBR600RR-based engine which delivers a broad, seamless range of easily usable power. Its lightweight cast aluminium frame is nimble and easy to manoeuvre, both in urban traffic and at higher speeds. The seat and suspension systems are adjustable, combining with smooth performance to offer a comfortable, confidence-inspiring package. Braking is smooth and powerful, and the Combined ABS version offers the ultimate reassurance of our advanced Antilock Braking System.

The sculpted bodywork is as sharp and controlled as the bike's handling and features air management ports that deflect air around the rider for both enhanced comfort and lighter, easier manoeuvring.

The 20L fuel tank provides a satisfying touring range and the motorcycle's strong seat rail accommodates the easy mounting of optional luggage. The bike's practical instrument panel features HISS and FI indicators, a fuel gauge and an ABS indicator on the C-ABS version.

Colours

- Quasar Silver Metallic

Main features

- Lightweight and compact fuel-injected 599cc DOHC inline-four engine is tuned for the most comfortable balance of performance and acceleration.
- Classic Naked styling provides both a timeless elegance and a comfortable ride.
- Three-position height-adjustable seat offers custom-fit comfort and long hours of riding enjoyment for riders of all proportions.
- Advanced die-cast aluminium frame keeps weight to a minimum while maintaining optimal rigidity for confident and sporty handling.
- Compliant 41mm telescopic front fork and Monoshock rear damper deliver smooth, confident handling.
- Dual-piston caliper dual front disc brakes with 296mm floating rotors and a single-piston caliper rear disc brake provide strong, responsive stopping power.
- Combined-ABS version provides both the smooth operating ease of Combined brakes and the confident control of an Antilock Brake System.
- HECS3 oxygen-sensing catalytic converter system minimises harmful exhaust emissions, ensuring full EURO-3 compliance.
- New Pearl Cool White, Dragon Green Metallic and Pearl Nightstar Black colour variations.



Specifications

General		
Model		CBF600N - CBF600N C-ABS
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement		599.3cm ³
Bore x Stroke		67 x 42.5mm
Compression Ratio		11.6 : 1
Max. Power Output		57kW / 10,500min ⁻¹ (95/1/EC)
Max. Torque		59Nm / 8,250min ⁻¹ (95/1/EC)
Idling Speed		1,300min ⁻¹
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
Fuel Consumption		19.5 km/l (WMTC Mode*)
Electrical System		
Ignition System		Computer-controlled digital transistorised with electronic advance
Ignition Timing		4° BTDC (idle) ~ 60° BTDC (12,000min ⁻¹)
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	1	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	(LxWxH)	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		408kg , *413kg
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 (with passenger: 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

* Please note that the figures provided are results obtained by Honda under standardised testing conditions prescribed by WMTC. Tests are conducted on a rolling road using a standard version of the vehicle with only one rider and no additional optional equipment. Actual fuel consumption may vary depending on how you ride, how you maintain your vehicle, weather, road conditions, tire pressure, installation of accessories, cargo, rider and passenger weight, and other factors. - All specifications are provisional and subject to change without notice.

