

2006 CBR600F PRESS INFORMATION

One of the most popular mid-displacement sportsbikes on the planet for many years running, the CBR600F combines the cutting-edge power and performance of a hard-charging race bike with surprisingly smooth and responsive riding ease. Its sleekly aggressive form looks blazingly fast standing still. Swift and versatile out on the road, the incomparable CBR helps you stretch your limits as you polish your riding skills with comfort, confidence and easy control.

Its advanced twin-spar aluminium frame and high-performance suspension components keep you tracking straight and true through every corner in your path. The CBR's lightweight and compact 599cc fuel-injected DOHC inline-4 engine reacts to every twist of its throttle with a prodigious blast of acceleration, yet still provides an accommodating range of smooth and easy performance for all your daily riding needs.

Looking for a healthy dose of sport riding excitement that you can enjoy any time, anywhere? Well step into the CBR600F's wider world of exhilaration and satisfying riding enjoyment. You may never come back.

Colours

- Italian Red (with Graphite Black)
- Digital Silver Metallic (with Checker Black Metallic)

New Features

- New colour variations.

Specifications

CBR600F (ED-type)

Engine

Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	599cm ³
Bore x Stroke	67 x 42.5mm
Compression Ratio	12 : 1
Max. Power Output	80kW/12,500min ⁻¹ (95/1/EC)
Max. Torque	63Nm/10,000min ⁻¹ (95/1/EC)
Idling Speed	1,300min ⁻¹
Oil Capacity	3.7 litres

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	38mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	18 litres (including 3.5-litre warning light reserve)

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	13° BTDC (idle) ~ 45° BTDC (5,500min ⁻¹)
Sparkplug Type	IMR9C-9H (NGK); VUH27D (ND)
Starter	Electric
Battery Capacity	12V/8.6AH
ACG Output	433W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	6-speed
Primary Reduction	1.822 (82/45)
Gear Ratios	1 2.833 (34/12)
	2 2.062 (33/16)
	3 1.647 (28/17)
	4 1.421 (27/19)
	5 1.272 (28/22)
	6 1.173 (27/23)

Final Reduction	2.813 (45/16)
Final Drive	O-ring sealed chain

Frame

Type	Diamond; dual-box-section aluminium twin-spar
------	---

Chassis

Dimensions	(LxWxH) 2,065 x 685 x 1,135mm
Wheelbase	1,390mm
Caster Angle	24°
Trail	96mm
Turning Radius	3.1m
Seat Height	805mm
Ground Clearance	135mm
Dry Weight	171kg
Kerb Weight	199kg (F: 98kg; R: 101kg)
Max. Carrying Capacity	189kg
Loaded Weight	388kg (F: 141kg; R: 247kg)

Suspension

Type	Front 43mm fully adjustable cartridge-type telescopic fork, 120mm axle travel
	Rear Pro-Link with gas-charged remote reservoir damper, adjustable spring preload and compression and rebound damping, 120mm axle travel

Wheels

Type	Front Hollow-section triple-spoke cast aluminium
	Rear Hollow-section triple-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

Brakes

Type	Front 296 x 4.5mm dual hydraulic disc with dual-opposed four-piston callipers, floating rotors and sintered metal pads
	Rear 220 x 5mm hydraulic disc with single-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.