

2005 CBR600F PRESS INFORMATION

Easily the best loved motorcycle in the 600cc Supersport class, the astoundingly versatile CBR600F gives you the cutting-edge power and performance of a hard-charging race bike combined with surprisingly forgiving riding ease that helps you find—and gradually extend—your own limits; polishing your riding skills with comfort, confidence and easy control. Sheathed in sleekly aggressive bodywork that looks fast standing still, the CBR's advanced twin-spar aluminium frame and high-performance suspension and wheel components keep you tracking straight and true through every corner and over every undulation in your path. Its lightweight and compact 599cc fuel-injected DOHC inline-4 engine reacts to every full twist of the throttle with a prodigious blast of power-packed acceleration, yet still provides a smooth and easy range of accommodating performance for all your day-to-day riding needs. Looking for a healthy dose of sport riding excitement that you can enjoy any time? Well step into the CBR600F's wider world of exhilaration and satisfying riding enjoyment. You may never come back.

Colours

- Italian Red (with Pearl Heron Blue and Digital Silver Metallic)
- Black
- Iron Nail Silver Metallic

New Features

- New colour variation.

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.