

Honda BeAT FI

Specification

Model:	Honda BeAT FI
Category:	Scooter
Engine and transmission	
<u>Displacement:</u>	108.00 ccm (6.59 cubic inches)
Engine type:	Single cylinder, four-stroke
Power:	8.52 <u>HP</u> (6.2 <u>kW</u>) @ 8000 <u>RPM</u>
<u>Torque:</u>	8.68 Nm (0.9 kgf-m or 6.4 ft.lbs) @ 6000 <u>RPM</u>
<u>Bore x stroke:</u>	50.0 x 55.0 mm (2.0 x 2.2 inches)
Fuel system:	Injection. PGM-FI
Fuel control:	Overhead Cams (OHC)
Ignition:	DC-CDI
Cooling system:	Air
Gearbox:	Automatic
Transmission type, final drive:	Belt
Fuel consumption:	6.16 litres/100 km (16.2 km/l or 38.19 mpg)
Greenhouse gases:	142.9 CO ₂ g/km. (CO ₂ - Carbon dioxide emission)
Chassis, suspension, brakes and wheels	
Frame type:	Backbone
Front <u>suspension:</u>	Telescopic fork
Rear <u>suspension:</u>	Mono Shock - Unit Swing
Front tyre:	80/90-14
Rear tyre:	90/90-14
Front brakes:	Single disc. Hydraulic, ventilated
Rear brakes:	Expanding brake (drum brake)
Wheels:	Alloy rims
Physical measures and capacities	
Dry weight:	90.0 kg (198.4 pounds)
Weight incl. oil, gas, etc:	95.0 kg (209.4 pounds)
Power/weight ratio:	0.0947 HP/kg

Seat height: 747 mm (29.4 inches) If adjustable, lowest setting.

Overall height: 1,047 mm (41.2 inches)

Overall length: 1,869 mm (73.6 inches)

Overall width: 676 mm (26.6 inches)

Ground clearance: 154 mm (6.1 inches)

Wheelbase: 1,240 mm (48.8 inches)

Fuel capacity: 3.80 litres (1.00 gallons)

Oil capacity: 0.80 litres (0.05 quarts)

Other specifications

Starter: Electric & kick

Color options: Red, black, pink, white, yellow