



## BREVA 1100 (ABS)

### *Technical Specifications*

#### ENGINE

Type	: 90° V-Twin, 4 stroke
Cooling system	: air cooled
Displacement	: 1,064 cc
Bore and stroke	: 92 x 80 mm
Compression ratio	: 9.8 : 1
Valve gear	: 2 overhead valves operated by light alloy push-rods and rockers; inlet valve opening 24° P.P.M.S. inlet valve closing 52° D.P.M.I. exhaust valve opening 54° P.P.M.I. exhaust valve closing 22° D.P.M.S. measured with valve gap of 1.5 mm
Maximum power	: 63 KW (86 CV) at 7,800 rpm
Maximum torque	: 85 Nm at 6,000 rpm
Fuel system	: Magneti Marelli IAW alfa-n system Multipoint phased sequential fuel; 2 throttle bodies of 45 mm, Lambda sensor, stepper motor idle control
Starting	: Electric
Ignition	: inductive spark, digitally controlled, electronic twin spark ignition
Exhaust system	: stainless steel, 2 in 1, with three ways catalyser and Lambda probe oxygen sensor
Homologation	: Euro 3

#### TRANSMISSION

Gearbox	: 6 speed
Internal ratios	: $1^{17/38} = 1 : 2.235$ : $2^{20/34} = 1 : 1.700$ : $3^{23/31} = 1 : 1.347$ : $4^{26/29} = 1 : 1.115$ : $5^{31/30} = 1 : 0.967$ : $6^{29/25} = 1 : 0.862$
Lubrication	: Splash
Primary drive	: helical gears, ratio $26/35 = 1 : 1.346$
Final drive	: CA.R.C. Compact Reactive Shaft Drive; double universal joint with floating bevel gear, ratio $12/44 = 1 : 3.666$
Clutch	: Dual disc dry



## CHASSIS

Frame	: double cradle, in high tensile strength tubular steel
Wheelbase	: 1,495 mm
Trail	: 120 mm
Steering head angle	: 25,30°
Steering angle	: 32°
Front suspension	: telescopic hydraulic fork with Ø 45 mm, preload adjustable
Front wheel travel	: 120 mm
Rear suspension	: single arm suspension progressive linkage, rear shock absorber adjustable in rebound and pre-load (hydraulic)
Rear wheel travel	: 140 mm
Front brake	: twin Ø 320 mm stainless steel floating discs, four piston calipers
Rear brake	: Single Ø 282 mm steel disc, 2 piston caliper
Wheels	: three spokes light alloy wheels, gravity casting
ABS	: Two channels anti-block system
Front wheel	: 3.50" x 17"
Rear wheel	: 5.50" x 17"
Front tyre	: 120/70 ZR17"
Rear tyre	: 180/55 ZR17"

## ELECTRICAL EQUIPMENT

Voltage	: 12 V
Battery	: 12 V – 18 Ah
Alternator	: 12 V – 550 W

## DIMENSIONS

Length	: 2,195 mm
Width	: 870 mm
Height	: 1,125 mm
Seat height	: 800 mm
Ground clearance	: 185 mm
Dry weight	: 231 kg
Fuel tank capacity	: 23 litre
Reserve	: 4 litre

Technical specifications of Brevia 1100 may change without notice.