

|                           |   |
|---------------------------|---|
| <b>Engine</b>             | 90° V-twin, 4-stroke, 2-valves per cylinder   |
| <b>Cooling</b>            | air and oil   |
| <b>Displacement</b>       | 853 cc  |
| <b>Bore and stroke</b>    | 84 x 77 mm  |
| <b>Compression ratio</b>  | 10.5: 1   |
| <b>Maximum power</b>      | 40.44 kW at 6,250 rpm   |
| <b>Torque</b>             | 62 Nm at 3,000 rpm  |
| <b>Fuel system</b>        | Marelli MIU single-body electronic injection, integrated management of traction control on 2 levels   |
| <b>Starter</b>            | electric  |
| <b>Exhaust system</b>     | stainless steel, 2-in-2 type, three-way catalytic converter with double lambda probe  |
| <b>Approval</b>           | Euro 4  |
| <b>Transmission</b>       | 6 speeds (with overdrive top gear)  |
| <b>Gear ratio values</b>  | 1st 16/39 = 1: 2.437<br>2nd 18/32 = 1: 1.778<br>3rd 21/28 = 1: 1.333<br>4th 24/26 = 1: 1.083<br>5th 25/24 = 1: 0.96<br>6th 28/24 = 1: 0.857 |
| <b>Primary drive</b>      | with helical teeth, ratio 21/25 = 1: 1.190  |
| <b>Final drive</b>        | double universal joint and double bevel gear units (8/33 ratio = 1: 4.125)  |
| <b>Clutch</b>             | ∅ 170 mm single disc with integrated flexible couplings   |
| <b>Frame</b>              | ALS steel twin tube cradle frame  |
| <b>Wheelbase</b>          | 1465 mm   |
| <b>Trail</b>              | 116.1 mm  |
| <b>Headstock angle</b>    | 26.4°   |
| <b>Steering angle</b>     | 38°   |
| <b>Front suspension</b>   | standard fork, ∅ 40 mm  |
| <b>Front wheel travel</b> | 130 mm  |
| <b>Rear suspension</b>    | swingarm with two shock absorbers, with adjustable spring preload   |
| <b>Rear wheel travel</b>  | 99 mm (91 mm)   |
| <b>Front Brake</b>        | stainless steel floating disc, ∅ 320 mm Brembo opposed four-piston callipers  |
| <b>Rear brake</b>         | stainless steel floating disc, ∅ 260 mm Brembo opposed two-piston callipers   |
| <b>Wheels</b>             | Aluminium alloy   |
| <b>Front wheel rim</b>    | 3.50" x 16"   |
| <b>Rear wheel rim</b>     | 4.00" x 16"   |
| <b>Front tyre</b>         | 130/90 - 16"  |
| <b>Rear tyre</b>          | 150/80 B 16"  |

|                                   |               |
|-----------------------------------|---------------|
| <b>System voltage</b>             | 12 V          |
| <b>Battery</b>                    | 12V - 18 Ah   |
| <b>Length</b>                     | 2185 mm       |
| <b>Width</b>                      | 840 mm        |
| <b>Height</b>                     | 1160 mm       |
| <b>Saddle height</b>              | 808 mm        |
| <b>Kerb weight*</b>               | 199 Kg        |
| <b>Fuel tank capacity</b>         | 15 litres     |
| <b>Reserve</b>                    | 4 litres      |
| <b>Consumption (WMTC cycle)</b>   | 4,99 l/100 km |
| <b>CO2 Emissions (WMTC cycle)</b> | 114 g/km      |

*\* Weight of bike ready to ride, will all fluids and no fuel*