



ENGINE Type Three cylinder, 4 stroke, 12 valve - Timing system "D.O.H.C" - Total displacement 798 cm³ (48.7 cu. in.) - Compression ratio 13,3:1 - Starting Electric - Bore x stroke 79 mm x 54.3 mm (3.1 in. x 2,1 in.) - Max. power - r.p.m. (at the crankshaft)** 108,8 kW (148 hp) at 13.000 r.p.m. - Max. torque - r.p.m. 88 Nm (8.97 kgm) at 10.600 r.p.m. Cooling system Cooling with separated liquid and oil radiators - Engine management system Integrated ignition - injection system MVICS (Motor & Vehicle Integrated Control System) with six injectors Engine control unit Eldor EM2.0, throttle body full drive by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire - Torque control with four maps, Traction Control with eight levels of intervention - Electronic quick shift MV EAS (Electronically Assisted Shift) - Clutch Wet, multi-disc slipper clutch Transmission Cassette style; six speed, constant mesh - Primary drive 19/36 - Gear ratio First gear 13/37 - Second gear 16/34 Third gear 18/32 - Fourth gear 19/30 - Fifth gear 21/30 - Sixth gear 22/29 - Final drive ratio 17/39

ELECTRICAL EQUIPMENT Voltage 12 V - Alternator 350 W at 5000 r.p.m. Battery 12 V - 8.6 Ah

DIMENSIONS AND WEIGHT Wheelbase 1380 mm (54.33 in.) - Overall length 2060 mm (81.01 in.) - Overall width 725 mm (28.54 in.) - Saddle height 805 mm (31.69 in.) - Min. ground clearance 125 mm (4.92 in.) - Trail 99 mm (3.89 in.) Dry weight 173 kg (381.4 lbs.) - Fuel tank capacity 16,5 l (4.36 U.S. gal.)

PERFORMANCE Maximum speed* 269.0 km/h (167.1 mph)

FRAME Type ALS Steel tubular trellis - Rear swing arm pivot plates material Aluminium alloy

FRONT SUSPENSION Type Marzocchi "UPSIDE DOWN" - telescopic hydraulic fork with rebound-compression damping and spring preload external and separate adjustment - Fork dia. 43 mm (1.69 in.) - Fork travel 125 mm (4.92 in.)

REAR SUSPENSION Type Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment - Single sided swing arm material Aluminium alloy - Wheel travel 123 mm (4.84 in.)

BRAKES Front brake Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange - Front brake caliper Brembo Radial-type, monobloc with 4 pistons Ø 34 mm (Ø 1.34 in.) - Rear brake Single steel disc with Ø 220 mm (Ø 8.66 in.) dia. Rear brake caliper Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)

WHEELS Front: Material/size Aluminium alloy 3,50" x 17" - Rear: Material/size Aluminium alloy 5,50" x 17"

TYRES Front 120/70 - ZR 17 M/C (58 W) - Rear 180/55 - ZR 17 M/C (73 W)

FAIRING Material Thermoplastic