



ENGINE

Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm ³ (60.9 cu. in.)
Compression ratio	13.4:1
Starting	Electric
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. power -r.p.m. (at the crankshaft)**	158.0 kW (212 hp) at 13.600 r.p.m. 151,0 kW (205 hp)*** at 13.450 r.p.m. 115,0 Nm (11,7 kgm) at 9.300 r.p.m.
Max. torque - 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 eight injectors (4 lower fuel injectors by Mikuni + 4 upper fuel injectors by Magneti Marelli with increased fuel flow). 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 with lean angle sensor - TSS Torque Shift System employing variable length intake runners

Electronic quick-shift MV EAS 2.0 (Electronically Assisted Shift)

Clutch Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly

Transmission Cassette style; six speed, constant mesh

Primary drive 48/82

Gear ratio	
First gear: Speed	14/37
Second gear: Speed	16/33
Third gear: Speed	18/31
Fourth gear: Speed	20/30
Fifth gear: Speed	22/29
Sixth gear: Speed	21/25
Final drive ratio	15/41

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	Li-po 12.8 V - 4.0 Ah

DIMENSIONS AND WEIGHT

Wheelbase	1430 mm (56.27 in.)
Overall length	2115 mm (83.30 in.)
Overall width	750 mm (29.51 in.)
Saddle height	830 mm (32.68 in.)
Min. ground clearance	115 mm (4.52 in.)
Trail	100,4 mm (3.93 in.)
Dry weight	175 kg (385.80 lbs.) - 183 kg (403.45 lbs.)***
Fuel tank capacity	17 l (4.49 U.S. gal.)

PERFORMANCE

Maximum speed*	302 km/h (187.65 mph)
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FRAME

Type	CrMo Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy - Adjustable swingarm pivot height

FRONT SUSPENSION

Type	Öhlins USD front fork, NIX 30 type with TIN coating on inner tubes, left compression and right rebound manual adjustment, top out spring.
Fork dia.	43 mm (1.69 in.)
Fork travel	124 mm (4.72 in.)

REAR SUSPENSION

Type	Öhlins progressive, TTX36 twin tube rear shock absorber with piggyback reservoir, compression and rebound adjusted with anodized aluminium adjustment knobs
Single sided swing arm material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)

BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange Brembo radial pump/level assembly
Front brake caliper	Brembo GP radial-type, single-piece with 4 pistons Ø 30 mm (Ø 1.18 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) dia.
Rear brake caliper	Nissin with 4 pistons - Ø 25.4 mm (Ø 1.00 in.)
ABS System	Bosch 9 Plus with Race Mode and RLM (Rear wheel Lift-up Mitigation)

WHEELS

Front: Material/size	Forged aluminium alloy 3,50 " x 17 "
Rear: Material/size	Forged aluminium alloy 6,00 " x 17 "

TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	200/55 - ZR 17 M/C (78 W)

FAIRING

Material	Carbon fiber and thermoplastic
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CONTENTS

Steering damper	Öhlins linear telescopic, manual adjustment
Rider's footpegs	Adjustable height
Exclusive features	Light crankshaft - Cylinder head with new intake ducts - Magnesium engine covers Light pistons and rods - Titanium bolts, screws and fasteners - Limited Edition

KIT RACING PARTS

Termignoni Titanium exhaust pipe system with mapped ECU - Carbon fibre passenger seat cover - Anodizing aluminium caps for rear mirror seats - Dedicated bike cover - Certificate of origin



KIT RACE VERSION



STREET VERSION

* Top speed attained on closed course.

** Limited power versions available on demand.

*** Street Version