



F4 CLAUDIO

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)	151,0 kW (205 hp) at 13.450 r.p.m. 158.0 kW (212 hp) at 13.600 r.p.m.**
Max. torque - r.p.m.	115,0 Nm (11,7 kgm) at 9.300 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 ride 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 Up & Down)
Clutch	STM Wet, multi-disc with back torque limiting device and Brembo radial pump/lever assembly
Transmission	Cassette style; six speed, constant mesh and DLC coated shift forks
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-ion 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	183 kg (403.45 lbs.) - 175 kg (385.80 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	120 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 Brembo Racing with T-Drive system (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	BST Full carbon 3,50 " x 17 "
Rear: Material/size	BST Full carbon 6,00 " x 17 "



UNLEADED GASOLINE WITH
UP TO 10% ETHANOL ONLY

* Top speed attained on closed course.

** Kit SC Exhaust and ECU Map version

Every country could have a price variation due to local import duties and taxes.

MY 2019 - 15/10/18



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MATT CARBON WITH GOLD WEAVE /MATT SILVER/GLOSS BLACK

TYRES	
Front	Pirelli Diablo Supercorsa SP (limited edition CC12) 120/70 - ZR 17 M/C (58 W)
Rear	Pirelli Diablo Supercorsa SP (limited edition CC12) 200/55 - ZR 17 M/C (78 W)
FAIRING	
Material	Carbon fiber and thermoplastic
CONTENTS	
Steering damper	Öhlins manually adjustable
CNC components	Top triple clamp - Rear set footpegs adjustable height - Rear wheel nut - Front brake lever - Clutch lever - Right/left controls Front brake fluid tank cap - Clutch reservoir cap - Oil engine cap and racing fuel cap Clutch SBK cover - Swingarm protection Phonic wheel cover
Carbon Components	Carbon fiber Fairing and dedicated weave with gold thread - Upper side fairings - Toe Tail - Front and rear fenders - Upper and lower chain guard - Full carbon rims "BST"
Exclusive content	Intake and exhaust ports, hand-worked by the "Reparto Corse" - Cam followers with DLC treatment to reduce friction - Low-friction "ASSO" piston ring - Light crankshaft - Seat with dedicated cover and "Claudio" logo Tinted windshield
Electronic	Right/left racing controls - "AIM MXS" racing dashboard with data acquisition, integrated GPS and dedicated software
KIT RACING	
Titanium Components	Exhaust and twin-exit titanium Racing silencers by SC-Project with dedicated control unit - Titanium fasteners
Carbon Components	Carbon fibre passenger seat cover
CNC Components	Anodized aluminium caps for rear mirror attachments - License plate holder
	Racing chain DID Gold - Dedicated bike cover - Certificate of origin - Limited Edition