

F4 SPR	
ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	45.7 cu. in.
Compression ratio	13:1
Starting	Electric
Bore x stroke	2.9 in. x 1.7 in.
Max. horse power - r.p.m. (at the crankshaft)	107,3 Kw (146 HP) at 13000 - Lim. 13900 r.p.m. with RG3 + Eprom
Max. torque - r.p.m.	8,2 Kgm at 11000
Cooling system	Liquid cooled, water-oil heat exchanger
Engine management system	"Weber Marelli" 1,6 M ignition - injection integrated system; induction discharge electronic ignition, "Multipoint" electronic injection
Clutch	Wet, multi - disc
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	47/81
Gear ratio	Close ratio (n°3 final ratio equipment)
First gear: Speed*	14/37 84.9 mph 87.1 mph 89.4 mph at 13900 r.p.m.
Second gear: Speed*	16/33 108.7 mph 111.6 mph 114.6 mph at 13900 r.p.m.
Third gear: Speed*	15/27 124.6 mph 127.8 mph 131.3 mph at 13900 r.p.m.
Fourth gear: Speed*	19/30 142.0 mph 145.8 mph 149.7 mph at 13900 r.p.m.
Fifth gear: Speed*	23/33 156.3 mph 160.4 mph 164.8 mph at 13900 r.p.m.
Sixth gear: Speed*	18/24 168.2 mph 172.6 mph 177.6 mph at 13900 r.p.m.
Final velocity ratio	15x39 15 x 38 15x37
ELECTRICAL EQUIPMENT	
Voltage	12V
Alternator	650 W at 5000 r.p.m.
Battery	12V - 9 Ah
DIMENSIONS AND WEIGHT	
Wheelbase	55.04 in.
Overall length	79.01 in.
Overall width	26.97 in.
Saddle height	31.10 in.
Min. ground clearance	5.12 in.
Trail	3.87 in.
Dry weight	413.6 lb
Fuel tank capacity	4.6 Brit. gal. (reserve fuel: 0.88 Brit. gal.)
PERFORMANCE	
Maximum speed*	177.6 mph (maximum speed 182.2 mph with 15/36 final drive)
FRAME	
Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy
FRONT SUSPENSION	
Type	"UPSIDE - DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload adjustment
Rod dia.	1.97 in. with Titanium Nitride anti-friction treatment
Travel on leg axis	4.65 in.
REAR SUSPENSION	
Type	Progressive, single shock absorber with rebound and compression (High speed / Low speed) damping and spring preload
Single sided swing arm: materiale	Aluminium alloy
Wheel travel	4.72 in.
BRAKE	
Front brake	Double steel floating disc
Flange: material	Aluminium
disc dia.; caliper piston number and dia.	12.2 in.; 6 with 0.89 in. dia.; 1.00 in. dia.; 1.19 in. dia.
Rear brake	Single steel disc
disc dia.; caliper piston number and dia.	8.27 in.; 4 with 1.00 in. dia.
RIM	
Front: Material / size	Forged aluminium alloy 3,50 " x 17 "
Rear: Material / size	Forged aluminium alloy 5,50 " x 17 "
TYRES	
Front	120/65 - ZR 17 (56 W)
Rear	180/55 - ZR 17 (73 W) or 190/50 - ZR 17 (73 W)
FAIRING	
Material	Thermoplastic and carbon fiber

* = Top speed attained on closed course.

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