

	F4 S	
ENGINE		
Type	Four cylinder, 4 stroke, 16 valve	
Timing system	"D.O.H.C", radial valve	
Total displacement	45.7 cu. in.	
Compression ratio	12:1	
Starting	Electric	
Bore x stroke	2.9 in. x 1.7 in.	
Max. horse power - r.p.m. (at the crankshaft)	100,7 Kw (137 CV) at 12600 - Lim. 13300 r.p.m.	
Max. torque - r.p.m.	8,3 Kgm at 10500	
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	-	
First gear: Speed	13/38	71.6 mph at 13300 r.p.m.
Second gear: Speed*	14/31	94.5 mph at 13300 r.p.m.
Third gear: Speed*	18/32	117.7 mph at 13300 r.p.m.
Fourth gear: Speed*	20/30	139.5 mph at 13300 r.p.m.
Fifth gear: Speed*	22/29	158.7 mph at 13300 r.p.m.
Sixth gear: Speed*	21/25	175.7 mph at 13300 r.p.m.
Final velocity ratio	15x40	
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	421.1 lb	
Fuel tank capacity	4.6 Brit. gal. (reserve fuel: 0.88 Brit. gal.)	
PERFORMANCE		
Maximum speed*	175.7 mph	
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.	1.93 in.	
Travel on leg axis	4.65 in.	
REAR SUSPENSION		
Type	Progressive, single shock absorber with rebound - compression damping and spring preload	
Single sided swing arm: material	Aluminium alloy	
Wheel travel	4.72 in.	
BRAKE		
Front brake	Double steel floating disc	
Flange: material	Steel	
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	Aluminium alloy 3,50 " x 17 "	
Rear: Material / size	Aluminium alloy 6,00 " x 17 "	
TYRE		
Front	120/65 - ZR 17 (56 W)	
Rear	190/50 - ZR 17 (73 W) or 180/55 - ZR 17 (73 W)	
FAIRING		
Material	Thermoplastic	