



GRISO 850

Technical Specifications

ENGINE

Type	: 90° V-Twin, 4 stroke
Cooling system	: air cooled
Displacement	: 877 cc
Bore and stroke	: 92 x 66 mm
Compression ratio	: 9.8 : 1
Valve timing	: intake open 24° B.T.D.C. intake close 52° A.B.D.C. exhaust open 54° B.B.D.C. exhaust close 22° A.T.D.C.
Maximum Power	: 56 kW at 7800 rpm
Maximum torque	: 70 Nm at 6800 rpm
Fuel system	: Magneti Marelli IAW alfa-n system Multipoint phased sequential fuel; 2 throttle bodies of 45 mm, Lambda sensor, stepper motor idle control
Starting	: electric
Ignition	: inductive discharge, digitally controlled, electronic
Exhaust system	: stainless steel, 2 in 1, with tree ways catalyser and Lambda probe oxygen sensor
Homologation	: Euro 3

TRANSMISSION

Gearbox	: 6 speed
Internal ratios	: $1^{17/38} = 1 : 2.235$: $2^{20/34} = 1 : 1.700$: $3^{23/31} = 1 : 1.347$: $4^{26/29} = 1 : 1.115$: $5^{31/30} = 1 : 0.967$: $6^{29/25} = 1 : 0.862$
Lubrication	: splash
Primary drive	: helical gears, ratio $23/36 = 1 : 1.565$
Final drive	: CA.R.C. Compact Reactive Shaft Drive; double universal joint with floating bevel gear, ratio $12/44 = 1 : 3.666$
Clutch	: dual disc dry

CHASSIS

Frame	: double cradle, in high tensile strength tubular steel
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Wheelbase	: 1,554 mm
Trail	: 108 mm
Steering head angle	: 26,30°
Steering angle	: 34°
Front suspension	: 43 mm upside down fork, fully adjustable in spring preload and compression and rebound damping
Front wheel travel	: 120 mm
Rear suspension	: single sided swingarm with rising rate linkages, monoshock with separate gas reservoir, fully adjustable in spring preload and compression and rebound damping
Rear wheel travel	: 110 mm
Front brake	: twin Ø 320 mm stainless steel floating discs and two calipers with four opposed pistons
Rear brake	: single Ø 282 mm stainless steel fixed disc and floating caliper with two parallel pistons
Wheels	: chill cast aluminium alloy, triple hollow spoke
Front wheel	: 3.50" x 17"
Rear wheel	: 5.50" x 17"
Front tyre	: 120/70 ZR17"
Rear tyre	: 180/55 ZR17"

ELECTRICAL EQUIPMENT

Voltage	: 12 V
Battery	: 12 V – 18 Ah
Alternator	: 12 V – 550 W

DIMENSIONS

Length	: 2.260 mm
Width	: 880 mm
Height	: 1.070 mm
Seat height	: 800 mm
Rider footrest height	: 185 mm
Dry weight	: 227 kg
Fuel tank capacity	: 17.2 litre
Reserve	: 3.3 litre

Technical specifications of Griso 850 may change without notice.