

NORGE 1200

Technical specifications

ENGINE

Type	: 90° V-Twin, 4 stroke
Cooling system	: air cooling
Displacement	: 1,151 cc
Bore and stroke	: 95 x 81.2 mm
Compression ratio	: 9.8 : 1
Timing system	: 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. with valve clearance 1.5 mm
Maximum power	: over 66 kW (95 HP) at 7,500 rpm
Maximum torque	: over 100 Nm at 5,800 rpm
Fuel injection system / Ignition	: Magneti Marelli IAW5A, _-n type; 2 Ø 45 mm throttle bodies, Weber IWP 162 injectors, Lambda control, twin spark ignition
Spark plug	: internal NGK PMR8B (Long Life) external NGK BPR6ES
Starting	: electric
Exhaust system	: stainless steel, 2 into 1 type with catalytic converter, height-adjustable muffler
Homologation	: Euro 3

TRANSMISSION

Gears	: 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 teeth, ratio $24/35 = 1 : 1.458$
Secondary drive	: Compact Reactive Shaft Drive CA.R.C.; double universal joint with floating bevel gear, ratio $12/44 = 1 : 3.666$
Clutch	: dry

CHASSIS

Frame	: tubular cradle, high tensile steel
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Wheelbase	: 1,495 mm
Trail	: 120 mm
Rake	: 64.5°
Steering angle	: 32°
Front suspension	: telescopic hydraulic fork with Ø 45 mm, preload adjustable
Front wheel travel	: 120 mm
Rear suspension	: single arm suspension with progressive linkage, rear shock absorber adjustable in rebound and pre-load (hydraulic)
Rear wheel travel	: 140 mm
Front brake	: double stainless steel floating disc, Ø 320 mm, 4 piston calipers - abs
Rear brake	: single steel disc, Ø 282 mm, 2 piston caliper - abs
Wheels	: three spokes, light alloy wheels, gravity casting
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 at 2,000 rpm

DIMENSIONS

Length	: 2,195 mm
Width (handlebars)	: 870 mm
Height (dashboard)	: 1,125 mm
Seat height	: 800 mm
Minimum round clearance	: 185 mm
Front footrest height	: 377 mm
Dry weight	: 246 kg
Fuel tank capacity	: 23 litre
Reserve	: 4 litre

Technical specifications of Norge 1200 may change without notice.