

 Ø BORE SIZE
 STROKE
 DISPLACEMENT
 COMPRESSION

 67,0 mm
 66,2 mm
 233,40 cc
 11.9:1

ASSEMBLY INSTRUCTIONS CYLINDER KIT 240 cc

We thank you for choosing our products and stay at your disposal for any further information you may require.

PRELIMINARY INSTRUCTIONS:

Clean carefully the engine area where you are going to work. In order to make this operation easier, remove the fuel tank.

- 1 Cylinder head: clean the combustion chamber from possible encrustations.
- 2 Intake and exhaust valves: Check the valve clearance as motorcycle maintenance manual.
- 3 Make sure the seals of the valve stems are good. Replace if necessary.
- 4 Check the engine oil seals. Replace if necessary.
- **5** Check the bearings and engine gears. Replace if necessary.

The credibility of the engine is ensured by the good condition of these elements.

ASSEMBLING INSTRUCTIONS:

Wash and blow carefully with fuel all the original cylinder components to be used again and all the new components of the engine.

Cylinder kit. Pay attention if there are impurities within the various cylinder parts and protect the carter hole with a clean wiper.

ASSEMBLY INSTRUCTIONS FOR THE PISTON RINGS:

Prevent damage to the piston rings during installation.

Assemble the piston rings as below.

- 1 Identifications of the rings must be up.
- 2 For a proper functioning of the rings it takes an attentive application.
- 3 After assembly of the rings, ensure that the assembly can be moved without difficulty.

RUNNING-IN, USE AND MAINTENANCE:

Do not force the engine during the first 3-4 running hours as you can cause damages to the cylinder kit. The best performance is obtained only after a good running in. Check from time to time that the rings and the exhaust valves are not blocked.

As soon as you feel that the engine power is decreasing we suggest to replace the piston in order not to compromise the roundness of the cylinder liner. Clean and if necessary replace the air filter.

All Athena products, which are manufactured with higher displacement and power than those permitted by law of the country where the end user lives, are intended solely for competition-sports.

Athena is not responsible for any different usage.

The customer takes full responsibility that the distribution of the articles purchased from Athena is in line with the current regulations of his country and therefore releases Athena from whatever responsibility in this matter.

