

New

ALUMIN-CYLINDER Ø 75,5 H₂O 4-STROKE

To be assembled with original head
and the V4 HEAD 3813273

4STROKE V4 HEAD



Monumental Achievement
Malossi



Code = **3113955**
€ 317.24

TECHNICAL SPECIFICATIONS

Cylinder

- Bore Ø 75,5 mm;
- Stroke 48,6 mm;
- Displacement 218;
- Compression ratio 12.5:1.

Material: Iprimary aluminium alloy with a high content of hardened and tempered silicon, cylinder liner with silicon carbide coating in a galvanic nickel die and crossed smoothing with two diamond passages with very limited tolerances.
Machining: on machine tools with high precision numerical control.
Cylinder-piston connection with an allowance of 0.05 mm.
Recalculated and upgraded heat exchange surfaces.

Piston

Ultra compact with 3 rings.
Material: special aluminium alloy with high silicon content, low thermal expansion and a tin facing on the sliding surfaces.
Machining on machine tools with numerical control.
Lightened and reinforced.
Upgraded heat exchange surfaces.

Piston rings

Special rings with high sliding ease and very high mechanical resistance.
I° ring compression in nitrided and chromium steel.
II° special cast iron ring.
Three - piece scraper ring made of chromiumplated special steel alloy.

Piaggio Engines 125 / 180 / 200 4T LC

PRILIA

ATLANTIC - Arrecife 125
ATLANTIC 200 (PIAGGIO M234M)
SCARABEO 125 (PIAGGIO)
SPORTCITY 125 (PIAGGIO M281M)
SPORTCITY 200 euro 3 (PIAGGIO M288M)

DERBI

GP1 125 euro 2-3
RAMBLA 125 euro 3 (PIAGGIO M287M)

GILERA

DNA 125
DNA 180
NEXUS 125 euro 3
RUNNER ST 125 euro 3
RUNNER ST 200 euro 3
RUNNER VX 125 <-2005
RUNNER VX 125 2006->
RUNNER VXR 180
RUNNER VXR 200 <-2005
RUNNER VXR 200 2006->

MALAGUTI

MADISON 180 (PIAGGIO)
MADISON 200 (PIAGGIO)
MADISON 3 125 (PIAGGIO)
PHANTOM MAX 200 (PIAGGIO)

PIAGGIO

BEVERLY 125
BEVERLY 200
CARNABY 125 euro 3 (LEADER M28FM)
CARNABY 200 euro 3 (LEADER M601M)
MP3 125 euro 3 (LEADER)
SUPER HEXAGON GTX 125
SUPER HEXAGON GTX 180
X7 125 euro 3 (LEADER)
X8 125 euro 2-3 (LEADER)
X8 200
X9 125
X9 AMALFI 180
X9 200
XEvo 125 euro 3 (LEADER)

VESPA

Granturismo L - GT 125 (LEADER)
Granturismo L - GT 200 (M312M)
GTV 125 (LEADER)

Products to be used exclusively for racing in places specially designed for such activity according to the regulations of the competent sporting authorities. We accept no liability resulting from improper use.

New

SET CYLINDER KIT

Ø 75,5 H₂O

4-STROKE with POWER CAM

4STROKE V4 HEAD



Monumental Achievement
Malossi

Code = **3116208**

€ 860.25



Power Cam

Designed with the Cad-Cam system.

Built with very high precision machinery.

Controlled 100% by measuring instruments with precision capability down to a tenth of a micron.

Designed and constructed to give your scooter a markedly sporting feel enabling you to easily manoeuvre through town traffic and tackle long distances at high cruising speeds.

The considerable increase in torque will boost your acceleration and climbing power in a big way.

Piaggio Engines 125 / 180 / 200 4T LC

APRILIA

ATLANTIC - Arrecife 125
ATLANTIC 200 (PIAGGIO M234M)
SCARABEO 125 (PIAGGIO)
SPORTCITY 125 (PIAGGIO M281M)
SPORTCITY 200 euro 3 (PIAGGIO M288M)

DERBI

GP1 125 euro 2-3
RAMBLA 125 euro 3 (PIAGGIO M287M)

GILERA

DNA 125 - DNA 180
NEXUS 125 euro 3
RUNNER ST 125 euro 3
RUNNER ST 200 euro 3
RUNNER VX 125 <-2005
RUNNER VX 125 2006->
RUNNER VXR 180
RUNNER VXR 200 <-2005
RUNNER VXR 200 2006->

MALAGUTI

MADISON 180 (PIAGGIO)
MADISON 200 (PIAGGIO)
MADISON 3 125 (PIAGGIO)
PHANTOM MAX 200 (PIAGGIO)

PIAGGIO

BEVERLY 125 - BEVERLY 200
CARNABY 125 euro 3 (LEADER M28FM)
CARNABY 200 euro 3 (LEADER M601M)
MP3 125 euro 3 (LEADER)
SUPER HEXAGON GTX 125
SUPER HEXAGON GTX 180
X7 125 euro 3 (LEADER)
X8 125 euro 2-3 (LEADER) - X8 200
X9 125 - X9 AMALFI 180 - X9 200
XEvo 125 euro 3 (LEADER)

VESPA

Granturismo L - GT 125 (LEADER)
Granturismo L - GT 200 (M312M)
GTV 125 (LEADER)

POWER CURVES

TESTS PERFORMED ON PIAGGIO 125 - 200 ENGINE

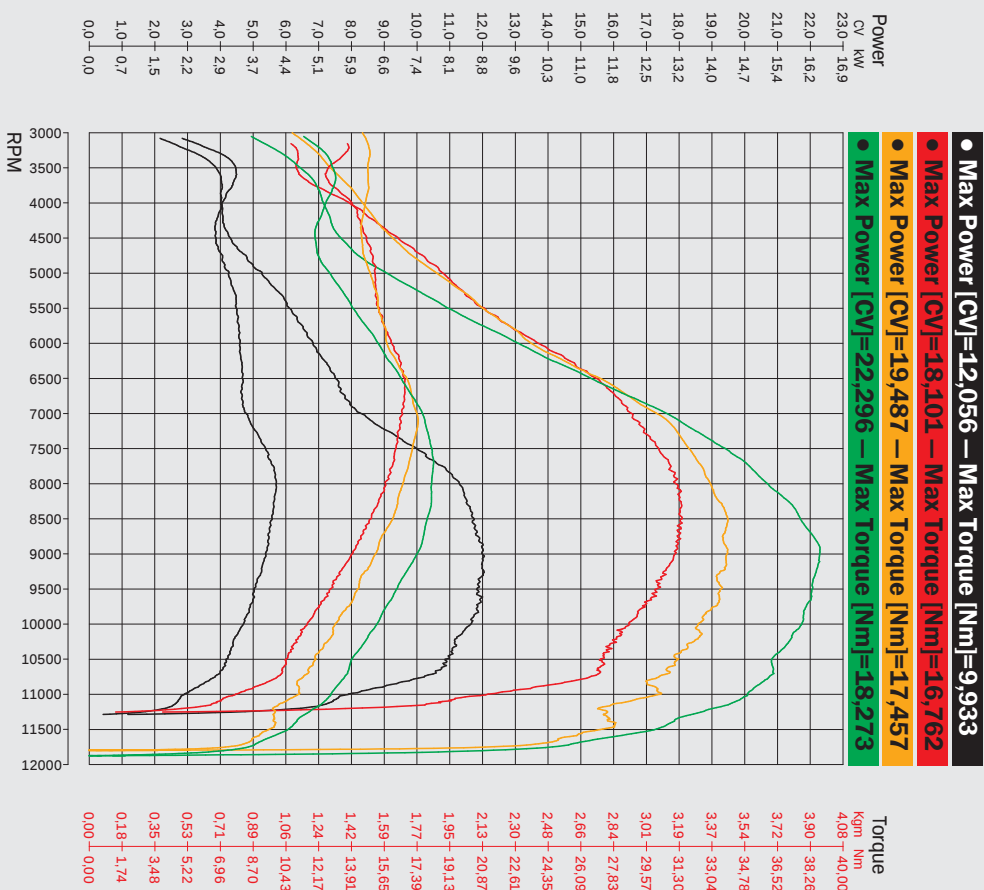
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TESTS PERFORMED ON PIAGGIO 125 CC ENGINE

• ORIGINAL VEHICLE

• Ø 75,5 MALOSSI CYLINDER

- Ø 75,5 MALOSSI CYLINDER - POWER CAM - DIGITRONIC ELECTRONIC CONTROL UNIT
- Ø 75,5 MALOSSI CYLINDER - 4V HEAD
POWER CAM - DIGITRONIC ELECTRONIC CONTROL UNIT

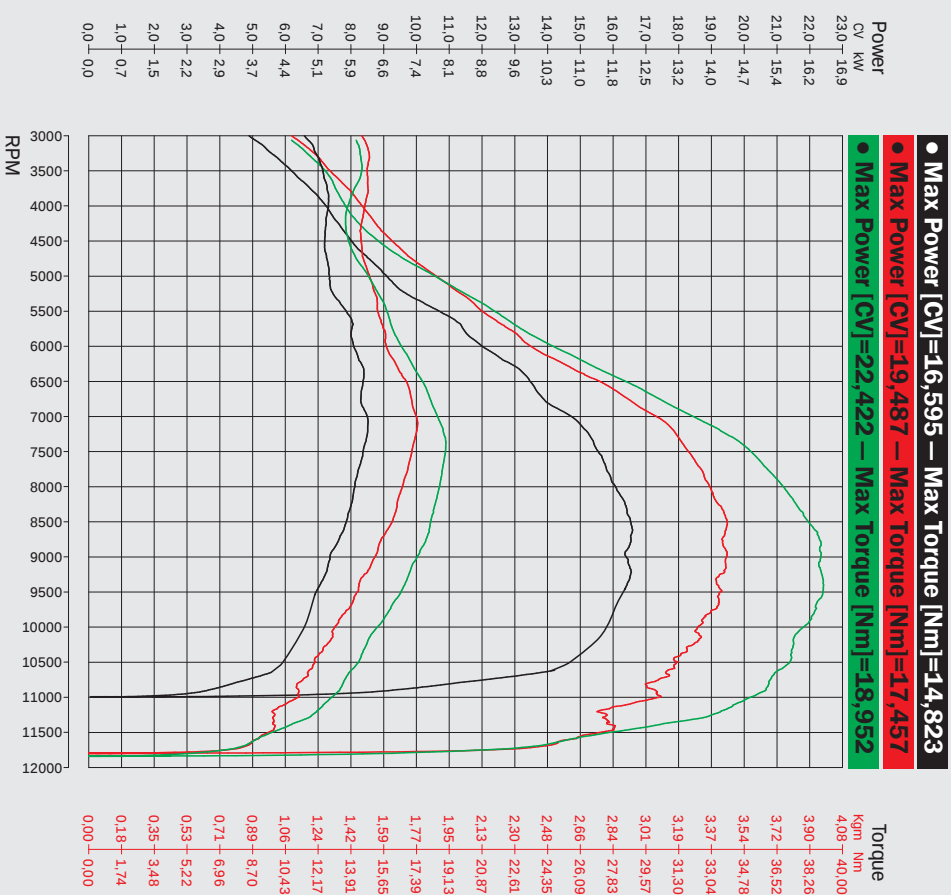


TESTS PERFORMED ON PIAGGIO 200 CC ENGINE

• ORIGINAL VEHICLE

• Ø 75,5 MALOSSI CYLINDER - POWER CAM

• Ø 75,5 MALOSSI CYLINDER - 4V HEAD - POWER CAM



New

ALUMIN-CYLINDER

Ø 75,5 H₂O

I-TECH 4-STROKE with CDI

*To be assembled with original head
and the V4 HEAD 3813273*

4STROKE V4 HEAD



Monumental Achievement
Malossi



Code = **3116090**
€ 520.00

Piaggio Engines 125 ie 4T LC euro 3

APRILIA	SR MAX
GILERA	NEXUS
PIAGGIO	BEVERLY 2010 (QUASAR) MP3 YOURBAN 4V 2011
VESPA	GTS Super (M455M)

CDI FORCE MASTER 2

Carburation adjusting
± 20% at min/medium/max
RPM limiter : + 1000 RPM

4 different maps

- 0 - Malossi cylinder - Original exhaust system - Original camshaft - Original head
- 1 - Malossi cylinder - Original exhaust system - Malossi camshaft - Original head
- 2 - Malossi cylinder - Original exhaust system - Malossi camshaft - Malossi head
- 3 - Malossi cylinder - Modified exhaust system - Malossi camshaft - Malossi head

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New

SET CYLINDER KIT

Ø 75,5 H₂O

I-TECH 4-STROKE with CDI
and camshaft

4STROKE V4 HEAD



Code = **3116268**
€ 1085.00

Piaggio Engines 125 ie 4T LC euro 3

APRILIA
SR MAX

GILERA
NEXUS

PIAGGIO
BEVERLY 2010 (QUASAR)
MP3 YOURBAN 4V 2011

VESPA
GTS Super (M455M)



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TESTS PERFORMED ON PIAGGIO VESPA 125 ie ENGINE

• ORIGINAL VEHICLE

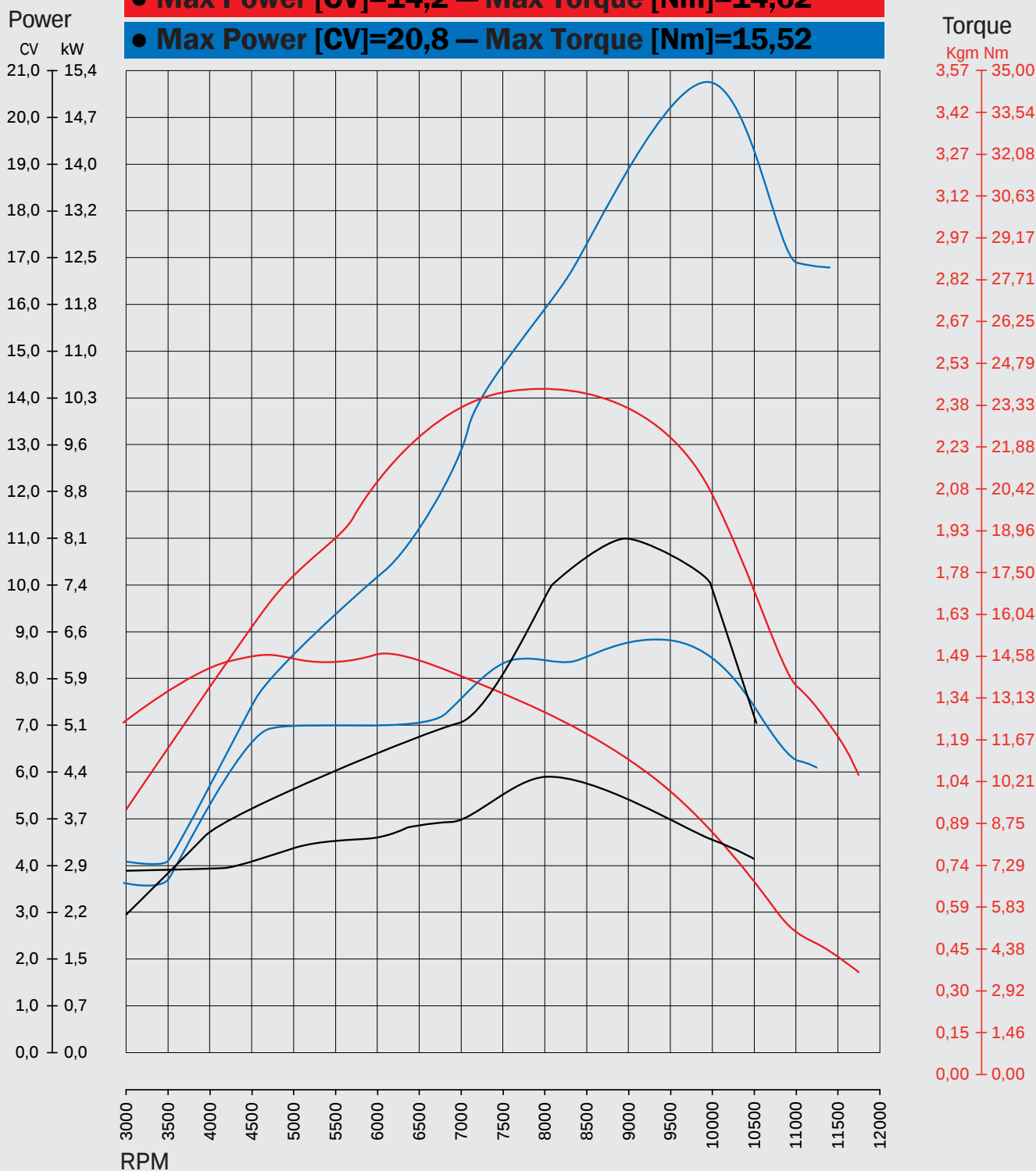
• Ø 75,5 MALOSSI CYLINDER - FORCE MASTER 2

• Ø 75,5 MALOSSI CYLINDER - FORCE MASTER 2 - V4 HEAD - POWER CAM

• Max Power [CV]=11,0 — Max Torque [Nm]=10,48

• Max Power [CV]=14,2 — Max Torque [Nm]=14,62

• Max Power [CV]=20,8 — Max Torque [Nm]=15,52



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Table of applications

APRILIA									
with ENGINE ➡	ATLANTIC - Arrecife 125 4T LC	ATLANTIC 200 4T LC	ATLANTIC - Arrecife 250 4T LC	SCARABEO 125 4T LC	SCARABEO 250 4T LC	SCARABEO Light 250 ie 4T LC	SCARABEO Special 300 ie 4T LC euro 3	SPORTCITY 125 4T LC	
	(PIAGGIO M234M)	(PIAGGIO M234M)	(PIAGGIO M237M)	(PIAGGIO)	(PIAGGIO M285M)	2007->	(PIAGGIO M288M)	(PIAGGIO M281M)	
V4 HEAD Maxi 200>300	*A*	*A*	3813273 € 438.90	*A*	3813273 € 438.90	3813273 € 438.90	3813273 € 438.90	*A*	
ALUMINIUM									
CYLINDER 4-STROKE	3113955 Ø 75.5 € 317.24	3113955 Ø 75.5 € 317.24	3113928 Ø 74 € 312.09	3113955 Ø 75.5 € 317.24	3113928 Ø 74 € 312.09	3113928 Ø 74 € 312.09	---	3113955 Ø 75.5 € 317.24	
ALUMINIUM									
I-TECH CYLINDER Equipped With CDI	---	---	---	---	---	---	---	---	
ALUMINIUM									
POWER CAM	*B*	5911962 € 218.53	---	*B*	---	---	---	*B*	
CAMSHAFT									
CYLINDER KIT	---	---	3113927 € 719.97	---	3113927 € 719.97	3113927 € 719.97	---	---	
ALUMINIUM									
SET CYLINDER KIT / POWER CAM	3116208 € 860.25	3116208 € 860.25	---	3116208 € 860.25	---	---	---	3116208 € 860.25	
ALUMINIUM									
I-TECH CYLINDER KIT Equipped With CDI /	---	---	---	---	---	---	---	---	
POWER CAM	ALUMINIUM Ø 75,5								

Table of applications

with ENGINE ➡	APRILIA					BENELLI		DERBI	
	SPORTCITY 200 4T LC euro 3 (PIAGGIO M288M)	SPORTCITY 250 ie 4T LC euro 3 (PIAGGIO M288M)	SPORTCITY CUBE 300 ie 4T LC euro 3 (LEADER M281M)	SR MAX 125 ie 4T LC euro 3	SR MAX 300 ie 4T LC euro 3	ADIVA AD 250 4T LC euro 2	GPI 125 4T LC euro 2-3	GPI 250 4T LC euro 2-3	
V4 HEAD Maxi 200>300	*A*	3813273 € 438.90	3813273 € 438.90	*A*	3813273 € 438.90	3813273 € 438.90	*A*	3813273 € 438.90	
ALUMINIUM									
CYLINDER 4-STROKE	3113955 Ø 75.5 € 317.24	3113928 Ø 74 € 312.09	---	---	---	3113928 Ø 74 € 312.09	3113955 Ø 75.5 € 317.24	3113928 Ø 74 € 312.09	
ALUMINIUM									
I-TECH CYLINDER Equipped With CDI	---	---	---	3116090 € 634.40	---	---	---	---	
ALUMINIUM									
POWER CAM	5911962 € 218.53	---	---	*B*	---	---	*B*	---	
CAMSHAFT									
CYLINDER KIT	---	3113927 € 719.97	---	---	---	3113927 € 719.97	---	3113927 € 719.97	
ALUMINIUM									
SET CYLINDER KIT / POWER CAM	3116208 € 860.25	---	---	---	---	---	3116208 € 860.25	---	
ALUMINIUM									
I-TECH CYLINDER KIT Equipped With CDI /	---	---	---	3116268 € 1085.00	---	---	---	---	
POWER CAM	ALUMINIUM Ø 75,5								

A - 3813273 V4 HEAD: TO BE ASSEMBLED with MALOSSI CYLINDERS ONLY.
B - 5911962 POWER CAM: TO COUPLE with MALOSSI CYLINDERS ONLY.

