

New

MHR[®] RC One



MHR[®]

MALOSSİ HYPER RACING

This crankcase has been dreamed of and brought to reality with just one aim in mind: to produce the most innovative racing component for scooters that has ever existed.

Crankcase

for all scooters that fit a Piaggio 50cc 2T engine as original equipment



<https://youtu.be/27BdzUjb6xw>

<http://goo.gl/S2pXSv>

Code = **5715845**
€ 470.00



A revolution cannot be considered as such, if it does not involve a radical change. That's the reason why Malossi decided to go beyond the C-One crankcase, thus realizing RC-One, an even more extreme version dedicated to those who love high-powered engines.

With the release of RC-One crankcase as well as the new MHR Flanged Mount cylinder, the engine capacity achieves 94 ccs and the power largely exceeds **30 hp**, without any problems of boring or resistance involving the engine block.

RC-One is designed to use exclusively Malossi cylinder with flanged mount; inside it has a housing of such dimensions as to allow the installation of long-stroke crankshaft without any further modification.

MHR C-ONE was conceived and designed to:

- Fit both drum brake and disc brake.
- Replace the original engine both with short and long wheelbase.
The position of the shock absorber fixing has been designed to satisfy both options.
- Fit exclusively the brand-new Malossi MHR Ø 52 Flanged Mount testa rossa cylinder, with flange mounting and a housing of such dimensions as to allow the installation of Malossi RHQ crankshaft with stroke 44 and connecting rod 90, without any further modification.
- House exclusively the Malossi MHR and MHR TEAM inner rotor ignitions.
- Use an electric cooling pump to eliminate the power consumption of the traditional mechanical water pump.
- Eliminate the automatic mixer.
- Designed to fit the vacuum fuel pump.
- Install the new bigger reed valve, designed using sophisticated programs of 3D fluid-dynamics simulation.
- Hold all current Malossi products.

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.

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MHR
MALOSSI HYPER RACING

MHR RCone

Technical features

- Crankcase pair, die-cast material in aluminum silicon alloy with high mechanical resistance.
- Crankcases inclusive of silent block 5,250 Kg.
- Crankshaft - clutch shaft wheelbase 270 mm.
- Crankshaft bearings 20 x 47 x 14.
- Oil seals FKM plus PTFE.
- Reed valve VL 18.
- Intake manifold X360 Ø 21 - 28 length 27.
- Cylinder stud bolts material: steel 8.8 UNI EN20898/1.
- Oversized cooling fluid connector: external Ø 18 mm - internal Ø 13,5 mm.
- Wheel axle bearing 20 x 47 x 14.
- Roller gear cover size 16 x 22 x 12.



Code = **1616276**

CARBURETTOR KIT VHST 28 BS MHR

€ **251.86**



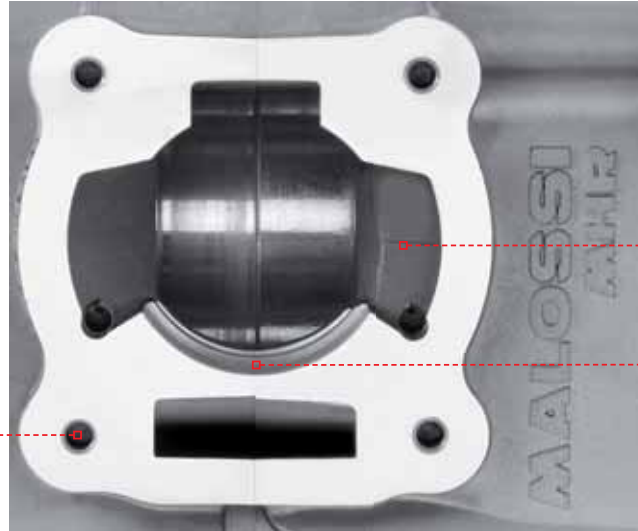
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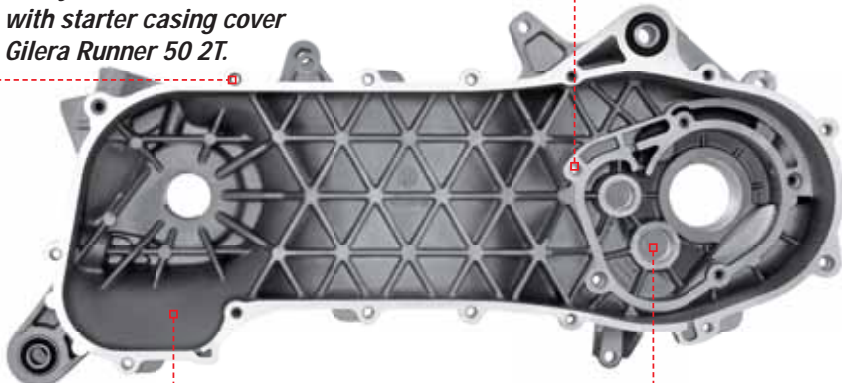
Transfer ports perfectly coupled to the Malossi MHR Team 7 cylinder kits transfer ports.

Cylinder housing boring diameter 61.

Installation of Malossi Ø 52 MHR Flanged Mount testa rossa cylinders 3115883

Ready for user with original Malossi roller crankcase 2514521 MHR.

Ready for use with starter casing cover Gilera Runner 50 2T.



Elimination of automatic mixer.

Larger needle bearing 16 diam x 22 x 12.

Preparation for depression fuel pump.

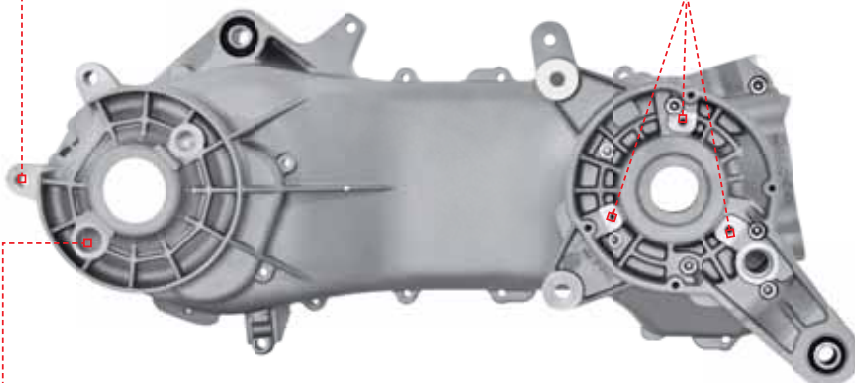


Larger single-petal reed valve Malossi VL18.

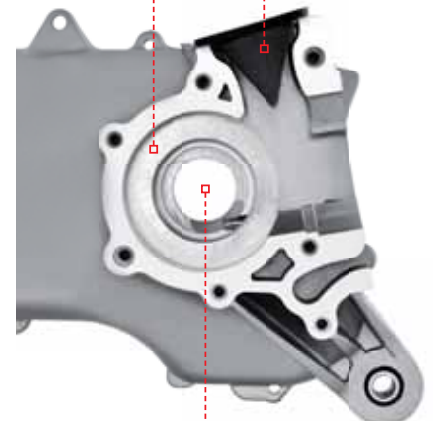
Pump casing boring diam. 78.

Ready for brake caliper installation.

Installation slots internal rotor ignition Malossi 5514691 MHR - 5515001 MHR TEAM.



Ready for brake shoe mounting.



Bearing housing diam. 47.

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MALOSI HYPER RACING

RC-ONE PIAGGIO 94 CC

Supplementary elements



5715845
MHR RC-one
COMPLETE ENGINE CRANKCASE



5316029
CRANKSHAFT MHR TEAM
PIN Ø 13 ROD 90 (STROKE 44)



ATTENTION: This cylinder kit must be installed necessarily with the products displayed in this page.



3115883
CYLINDER KIT Ø 52 MHR
FLANGED MOUNT *testa rossa*

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