

Piaggio Mp3 350 Lt E4

9102.00 €



Marca: Piaggio

Disponibilidade: **falha de stock**

The 350 cc, 4-stroke, 4-valve, liquid cooling, electronic injection engine makes its début on the Piaggio MP3 and represents the state of the art in maxiscooter engines. Already appreciated on the Piaggio Beverly 350, it is considered one of the best engines ever built for the segment since it offers performance comparable to a 400 cc, with the limited weight and footprint of a 300 cc engine.

The head-engine block-piston assembly was designed for the ultimate optimisation of fluid dynamics using solutions capable of increasing performance and at the same time reducing fuel consumption and emissions. The stroke ratio (69 mm x 78 mm) was selected to guarantee improved output for lower speeds and partial loads and to provide greater elasticity of use. The reed valve, dry-sump lubrication system reduces both loss of power due to sloshing as well as the size of the oil pan and engine footprint. Special attention was focused on reducing internal friction: roller rockers are used to reduce noise and increase mechanical efficiency. The Piaggio 350 single-cylinder is the first scooter engine to adopt a motorcycle multi plate wet clutch to ensure better and more consistent performance even with elevated thermal stress, eliminating the possible jolts common to transmission systems when starting and ensuring an extraordinary driving experience. Such technical solutions, along with the automatic CVT (Continuously Variable Transmission), which was developed ad hoc, have brought about a weight reduction of about 10 kg compared to a 400. Crankshaft performance is very high: maximum power is over 30 hp.

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