

Moto One Performance Notebook

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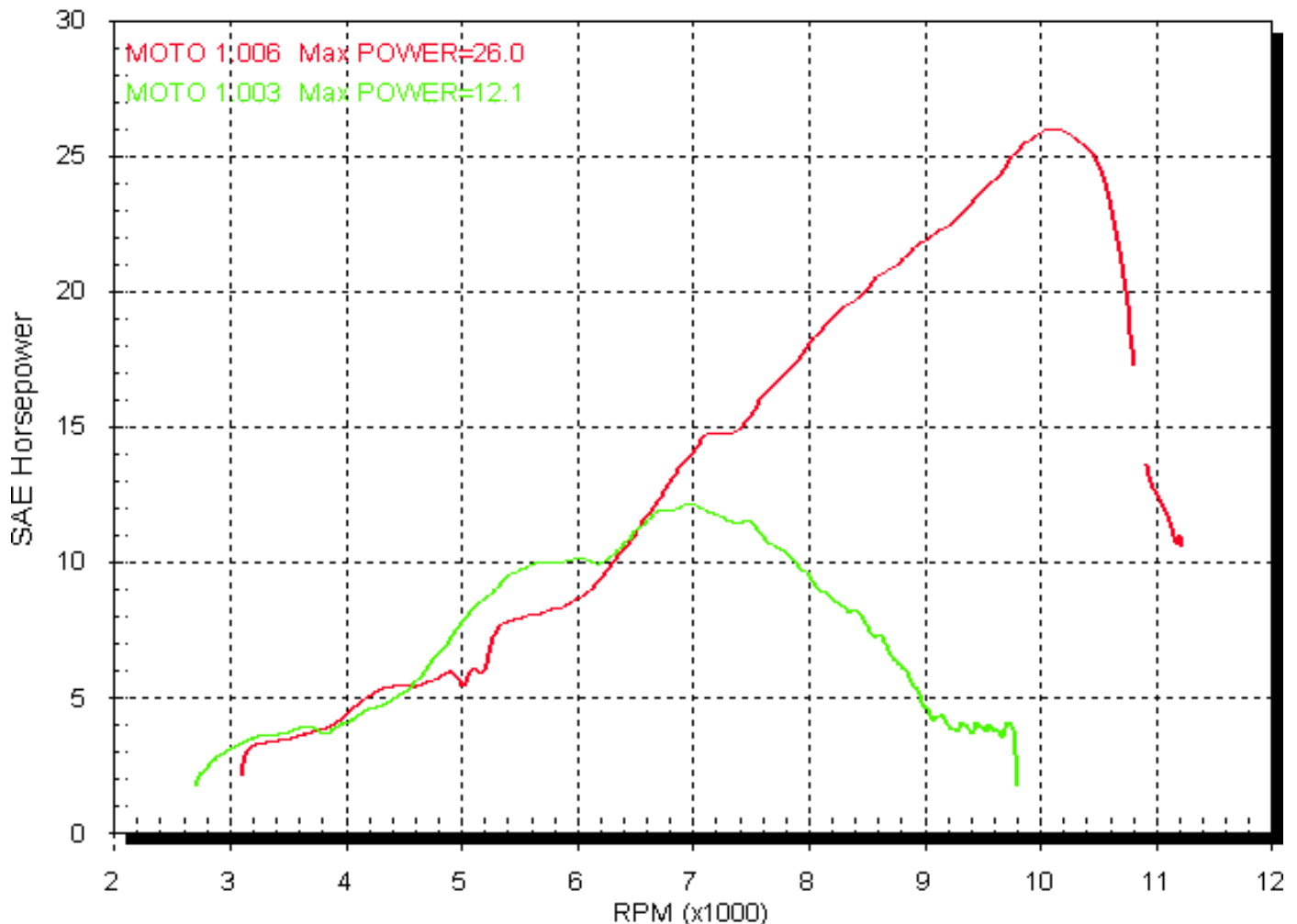
Mito 125 With De-restriction Kit

Yes, the mighty Mito Smito. Well, maybe not. The Mito, as we get it now, is a 6 speed restricted model, not like the ones we were selling previously (when they came from the Ducati importer with 7 speeds). These ones get very asthmatic over 7,000 RPM, about 500 RPM after they come on (so to speak). So, as you can imagine, performance is a little less than scintillating.

Although they are quite nice to ride in the 5,000 to 8,000 RPM range, just not overly quick. To get the performance back, we fit the de-restriction kit. This involves a little cutting and welding as well as jets, an air inlet and a 13 tooth front sprocket, dropping from the 14 tooth that's std. So it's not just a "plate with a little hole" away.

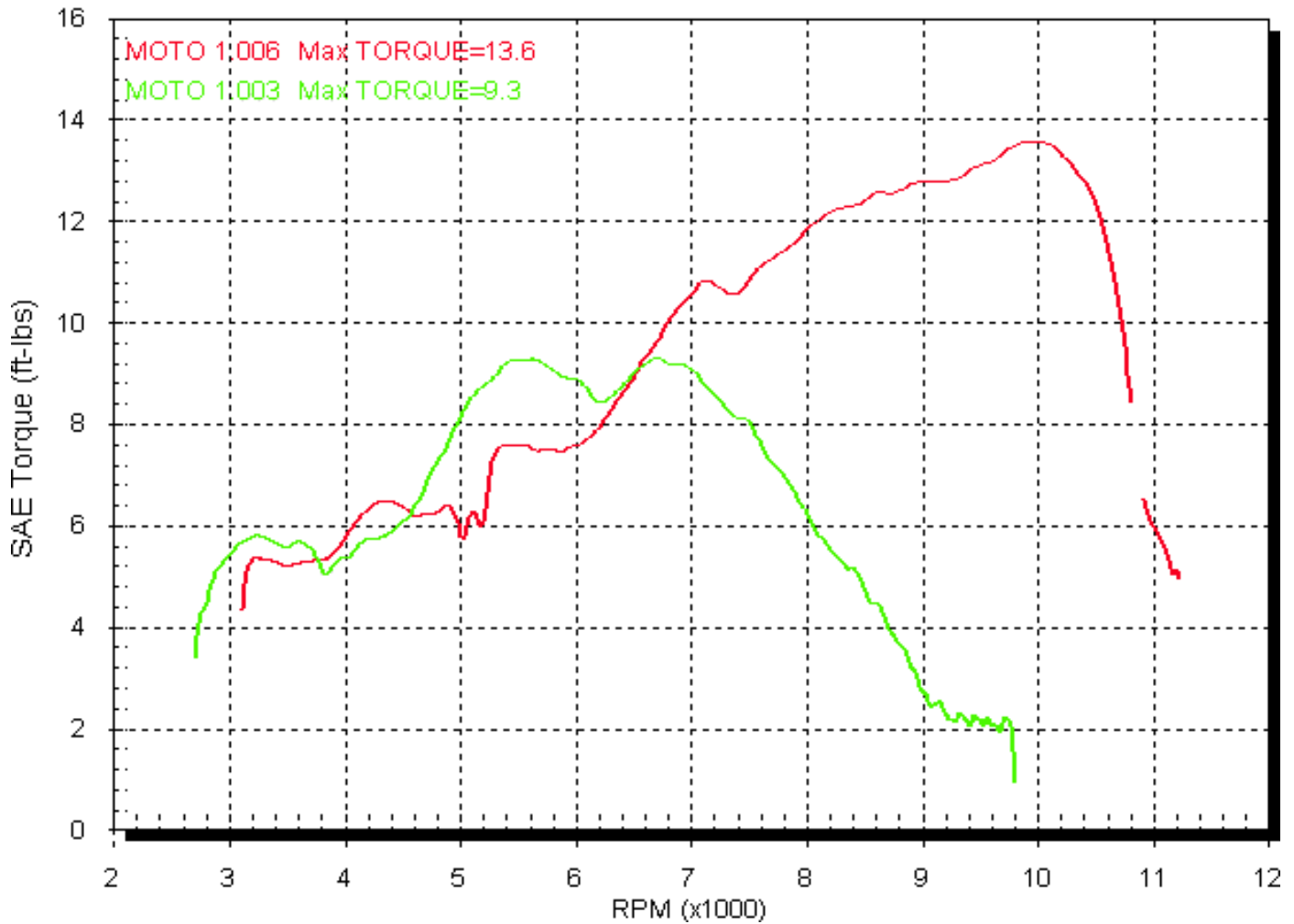
There's not too much else to it, so I'll just show you the graphs – power first, then torque. Before is green, after is red. Pretty clear really, and good for a laugh. Running one of these on the dyno was like nothing else I've ever done. Not even the mighty KR1S. Restricted, it took for ever to reach 10,000 RPM, where I gave up, but then just didn't want to slow down. I hadn't considered the lack of engine braking before I got started. Very odd. The torque curves look much like you'd normally expect power curves too – typical two stroke.

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Dynograph courtesy of DYNOBIKE (03) 9553 0018

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A Mito without the top end is really not worth owning in my mind, but that's up to you. Makes them much more fun, and it's the reason you'd buy a 2 stroke.

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