

P/N: **P400485100042**

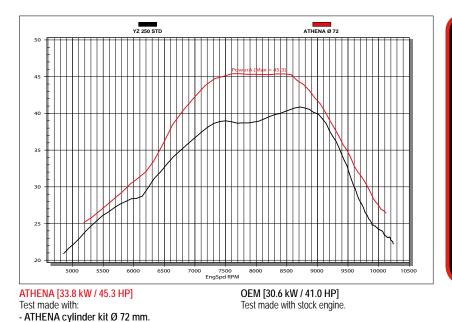
New **BIG BORE** cylinder kit for **YAMAHA YZ 250**. This kit includes a nickel coated cylinder with bigger water jackets, a High Performance forged

piston with special domed and the top end gasket set.

Thanks to the new production method of CNC machines, the cylinder kit guarantees an unbeatable quality-price ratio.

- S4F07200006A	Forged piston Ø71.95;
- S4F07200006B	Forged piston Ø71.96;
- \$41316257	Rings;
- P400485160183	Gasket kit;

	ATHENA	OEM
CYLINDER BORE	72 mm	66.4 mm
STROKE	72 mm	72 mm
DISPLACEMENT	293.2 сс	249 сс
COMPRESSION RATIO	15:1	15:1
WHEEL POWER	33.8 kW / 45.3 HP / 7600 rpm	30.6 kW / 41.0 HP / 8700 rpm



STRENGHT POINTS

- 1. Projects use 3D Solid Modelling software creating virtual simulation and verification of mechanical stresses.
- 2. Aluminium cylinder cast in steel moulds and manufactured by CNC machines to assure millesimal tolerances during all manufacturing phases.
- 3. Redesigned water jackets to increase capacity
- 4. Cylinder liner with a special silicon carbide and nickel coating mixture to grant the best fluidity of the piston and durability of the cylinder.
- 5. Lapping performed in rooms with indoor temperatures of around 20 degrees, in order to have an excellent control of the boring and of each cylinder quality.
- 6. Cylinder support surfaces are perfectly parallels in order to eliminate any matching inaccuracy.



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