

Suitable for:

HONDA DIO ZX HORIZONTAL CYLINDER

HYPER RACING KIT

RACING CYLINDER KIT Ø47,6MM / 70CC.

RACING EXHAUST PIPE

RACING CRANKSHAFT

RACING VARIATOR

RACING TOURQUE DRIVER

PLATINUM BELT

PERFORMANCE AIR FILTER

COMPLETE ENGINE GASKET KIT

CRANKSHAFT BEARING KIT



**SPECIAL
RELEASE
#2
2016**

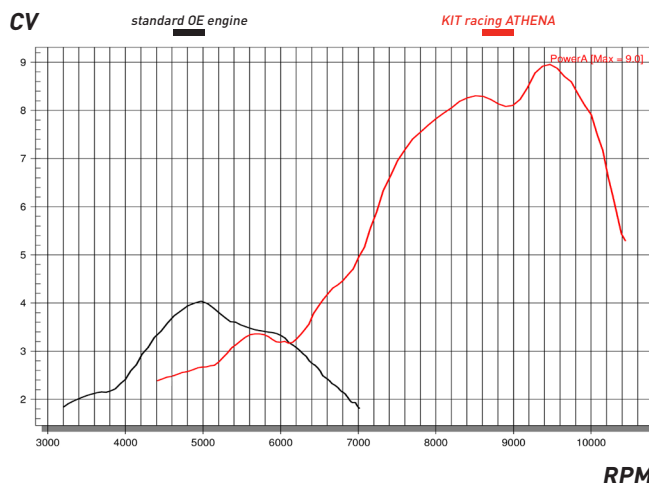
Athena adds two new Racing products for the Honda DIO ZX (horizontal engine): a Racing **Exhaust Pipe** and an Hi Performance **Crankshaft**. These new products are added to the range of Athena products which brings at the top the performance of this engine. Today we offer a steel Exhaust Pipe with aluminium silencer and special balance full round Crankshaft; in addition with the Big Bore Cylinder kit, the Variator with redesigned roller ramps, kevlar transmission belt, performance air filter and special crankshaft bearings. All the components have been designed to be compatible to each other, to obtain the maximum performance without compromises.

TECHNICAL DATA

WHEEL POWER

	Unit of Measure	OEM	KIT Athena
DISPLACEMENT	(cm ³):	49,4	69,9
BORE	(mm):	40	47,6
STROKE	(mm):	39,3	39,3
COMPRESSION RATIO		7,0:1	15,0:1
WHEEL HORSE POWER	HP/rpm	4/4.950	9/9.400

POWER CURVE



1. (Black curve) standard OE engine
2. (Red curve) Complete ATHENA Racing kit.

Test done with:

- Original intake system with needle valve on 3rd notch and maximum jet at 82, minimum jet as standard.
- OEM filter case and Athena air filter S410210200091.
- Variator rollers S41000030P091 ø16x13 - 3,5g.

	CODE	DESCRIPTION	PRICE
	P400210100051	Racing Cylinder kit Ø47,6mm / 70cc. - Aluminium cylinder kit with nikasil coating and 6 transfers; - Cast lite piston with one compression segment; - Aluminum cylinder head with compression 15:1; - Gasket kit with 3 cylinder base gaskets to adjust squish.	€ 175,27 + VAT
	P400210120004	Racing exhaust system made of still with aluminum silencer	€ 219 + VAT
	S410210320001	Racing crank shaft balanced up to 16.000 rpm	€ 140 + VAT
	P400210110010	Racing variator with redesigned rollers ramps for better acceleration and higher speed	€ 55 + VAT
	S410210330001	Racing torque drive with two ramps	€ 78,50 + VAT
	S41PLAT058	Platinum belt made of composite special fibers	€ 16,77 + VAT
	S41000030P091	Variator rollers ø16x13 - 3,5g	€ 6,06 + VAT
	S410210200091	Performance air filter for standard air box	€ 9,35 + VAT
	P400210850311	Complete engine gasket kit	€ 28,98 + VAT
	P400210444311	Crank shaft bearings and oil seals made to resist the high revolution of the engine	€ 37 + VAT