



HONDA CRF 450 R (2009)

RACING & EVOLUTION EXHAUST SYSTEM

The Akrapovic Racing and Evolution complete exhaust systems are the flagships of our product lines. They are designed for competition-oriented MX riders who demand maximum performance from their exhaust systems. With their production quality, engine performance improvements and modern Hexagonal muffler design they satisfy the requirements of all riders. The systems are designed for two markets; in the US they are available with an approved spark arrester, and for the EU and other non-US markets they come with a noise damper. Noise emissions of 94 dB are within new strict regulations. You will also save on weight, when compared to stock exhaust systems. We use our exclusive titanium in the production of the Evolution line and a combination of stainless steel and titanium for the Racing line.

PERFORMANCE

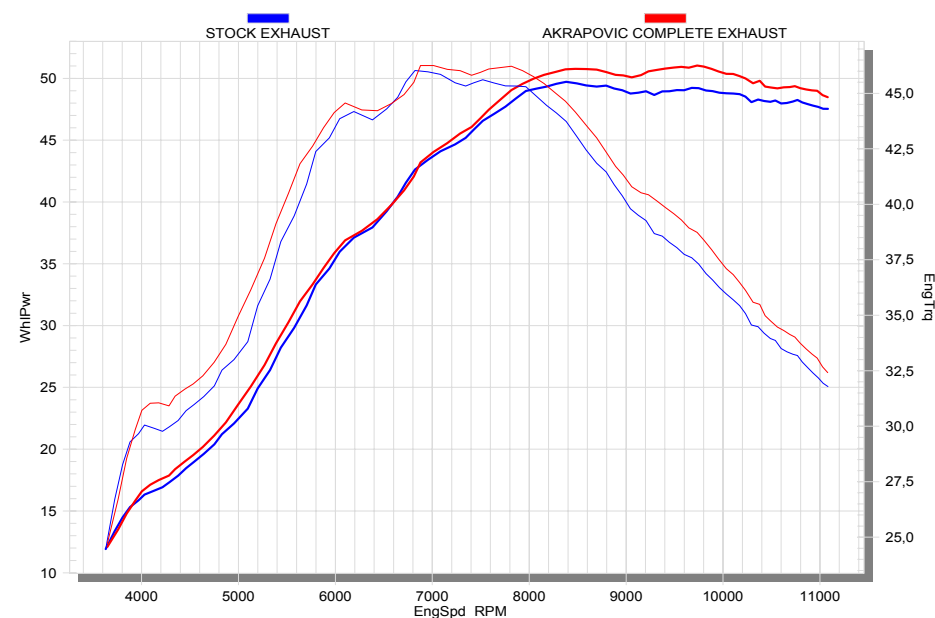
Measurements of the Akrapovic EVOLUTION system on the HONDA CRF 450 R (with muffler insert):

Power & Torque: The Akrapovic Evolution and Racing systems deliver a performance increase throughout nearly the entire rpm range. It is most pronounced in the bottom and the top of the range. The systems deliver increased torque similar to the power increase. Max. increased power of 1.9 HP was measured at 9600 rpm, while max. power of 51 HP was measured at 9750 rpm.



PERFORMANCE					
	stock	AKRAPOVIC		max. increased power	
max. rear wheel power HP / rpm (measured on Dynojet ATV)	49,7 / 8380	51 / 9750		1.9 / 9600	
ADDITIONAL DATA					
weight comparison (kg)	stock	AKRAPOVIC		difference	
	3.45	RACING	EVOLUTION	stock - RACING	stock - EVOLUTION
		3.26	2.25	0.19	1.2
noise measurements (dB / rpm)	stock		AKRAPOVIC		
	94 / 4500		94 / 4500		

Technical specifications of Akrapovic exhaust systems and related products subject to change without notice.



Product code: S-H4MR10-ZT (110294) racing, S-H4MET10-ZT (110295) evolution
 US market: S-H4MR10-ZTA (110296) racing, S-H4MET10-ZTA (110297) evolution

