



suitable for:

KTM SX-F 350

2011-2012

CYLINDER, PISTON, GASKET KIT

STANDARD BORE Ø 88 mm / 350 cc



P/N: **P400270100006**

SUGGESTED
RETAIL PRICE

€ 620

VAT EXCLUDED

TECHNICAL
CHARACTERISTICS

New cylinder kit for **KTM SX-F 350**, the bike of Antonio Cairoli, 2010 and 2011 MX1 World Champion. 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.

SPARE
PARTS

- **S4F08800004A** Forged piston Ø87.95;
- **S4F08800004B** Forged piston Ø87.96;
- **S41316223** Rings;
- **P400270160058** Gasket kit;

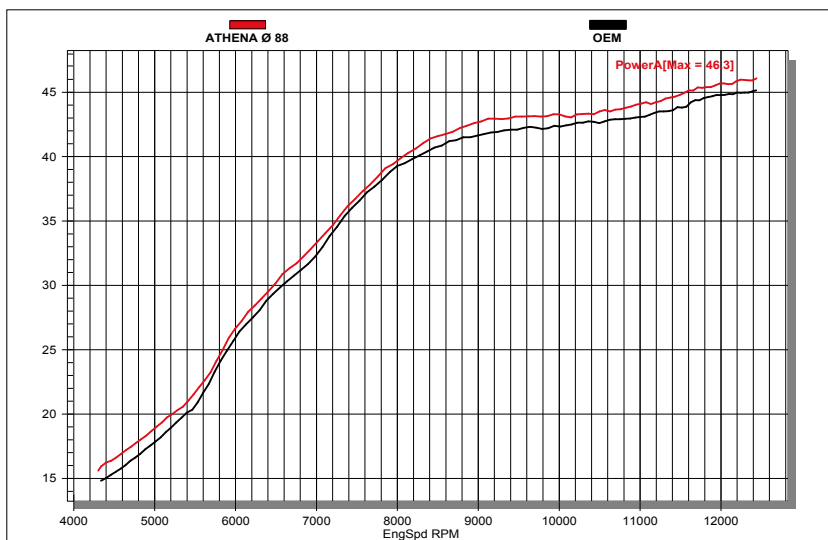
TECHNICAL
DATA



OEM

CYLINDER BORE	88 mm	88 mm
STROKE	57.5 mm	57.5 mm
DISPLACEMENT	350 cc	350 cc
COMPRESSION RATIO	14:1	13.5:1
WHEEL POWER	34.53 Kw / 46.3 HP / 12200 rpm	33.55 KW / 45.0 HP / 12200 rpm

POWER
CURVES



ATHENA [34.53 KW / 46.3 HP]
 Test made with:
 - ATHENA cylinder kit Ø 88 mm.

OEM [33.55 kW / 45 HP]
 Test made with stock engine.

POINT OF STRENGTH

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.

OPTIONAL

P400270850056 Complete Gasket kit	P400270400056 Oil seal kit	R2706-056 Race Kit	FPS11-11KTM350-L Radiator SX	FPS11-7KTM450-R Radiator DX	S410270200014 Air filter	GK-GP1PWR-0019 GET Power ECU	GK-C1-0001 Hour Meter