

Kingroon KP3S - BMG + V6 -Direct Drive

 LMaker

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Summary

Kingroon KP3S - BMG + V6/ V6 Volcano - Direct Drive

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Attached you can find the assembly instructions and Marlin 2.0.9.2 firmware for this mod. This firmware is for SMT32F1 chip. If you have the last version of Kingroon, you need compiled the firmware for SMT32F4 chip (mks_robin_nano_v1_3_f4)

En los archivos adjuntos encontrareis las instrucciones de montaje, así como el Marlin 2.0.9.2. El Firmware esta compilado para el chip SMT32F1, si tu kingroon es el último modelo necesitas compilarlo para la versión SMT32F4 (mks_robin_nano_v1_3_f4)

[Link of marlin firmware 2.0.92 \(horizontal screen\)](#)

Link of marlin firmware 2.1.1 (vertical screen)

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Update 27/07/2023

Marlin firmware 2.1.1 (vertical screen)

Update 08/05/2023

Fan duct Volcano V6

Bltouch support Volcano V6

Update 12/03/2023

Adapted for E3D Revo Six

Offset BLtouch

X=16.65 Y= -39.65

Offset Inductive

X=-26 Y= -36.8

Material list:

- 1 unit – [DDB Extruder V2.1](#)
- 1 unit – [Motor Nema 17 25mm](#)
- 1 unit- [Hotend V6](#)
 - [Optional upgrade Revo Six](#)
- 60-70 mm -- [PTFE Capricorn](#)
- 1 unit – [Thermistor ATC Semitec 104GT](#) (I recommend changing the original)
- 1 unit – [40W Heater Cartridge 24V](#) (you can use the original)
- 1 unit – Option1: [Fan 5015 24V](#) (Sunon) Option2: [Fan 5015 24V](#) (Gdstime)
- 1 unit – Option1: [Fan 4010 24V](#) (Sunon) Option2: [Fan 4010 24V](#) (Gdstime)
- 3 units – [Screw DIN 7380 M3x8](#)
- 4 units – [Screw DIN 7380 M3x10](#)
- 2 units – [Screw DIN 7380 M3x16](#)

- 4 units – [Screw DIN 7380 M3x20](#)
- 2 units – [Screw DIN 7380 M3x30](#)
- 2 units – [Nut DIN 934 M3](#)
- 3 units -- [Self-Locking Cable Ties 2,5x100 mm](#)

Optional:

- --1 m – [Cable Sleeve Self Closing PET 13mm](#)

Print Settings

Supports: No

Resolution: 0.2

Infill: 25


Filament brand: Sakata 870


Filament color: Black - Orange


Filament material: PLA 870

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Model files

 **V6** 2 files

 **back_kp3s_bmg_rv01.stl**

 **front_kp3s_bmg_rv02.stl**



E3D Revo Six

2 files



front_kp3s_bmg_revo6_rv02.stl



back_kp3s_bmg_revo6.stl



x_end_stop.stl



bltouch_bmg.stl



bltouch_bmg_volcano.stl



layer_fan_v04_bmg.stl



fan_layer_v04_bmg_volcano.stl



logo.stl

Other files

instrucciones-montaje-extrusor-bmg.pdf

assembly-instructions-bmg-extruder-kp3s.pdf

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