

The Pilotix 5215 340KV is an FPV motor characterized by its 340 KV rating, allowing for efficient operation across a specified voltage range from 11.1V to 33.6V. It features a maximum current capacity of 53A and can deliver up to 1270W of power. The motor is configured with a 24N22P design and has a stator size of 52mm in diameter and 15mm in length. It operates with a no-load current of 1.1A at 10V and has an internal resistance of 38.3 mΩ, all while being housed in a structure weighing 289g with the mounting dimensions set at 25 x 25 mm for M3 screws.

Product details	
Model	5215 340KV
SKU	7125
Electrical specification	
Motor KV	340 KV
Rated voltage	33.6 V
Operating voltage range	11.1 - 33.6 V
Maximum current	53 A
Maximum power	1270 W
No-load current	1.1 A @ 10 V
Internal resistance	38.3 mΩ
Mechanical specification	
Configuration	24N22P
Stator size	52 x 15 mm
Shaft size	4 x 5.8 mm
Motor dimensions	60 x 35 mm
Mounting	25 x 25 mm (M3)
Weight	289 g
Common	

Warranty	2 years
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Mechanical specification**Motor performance data**