

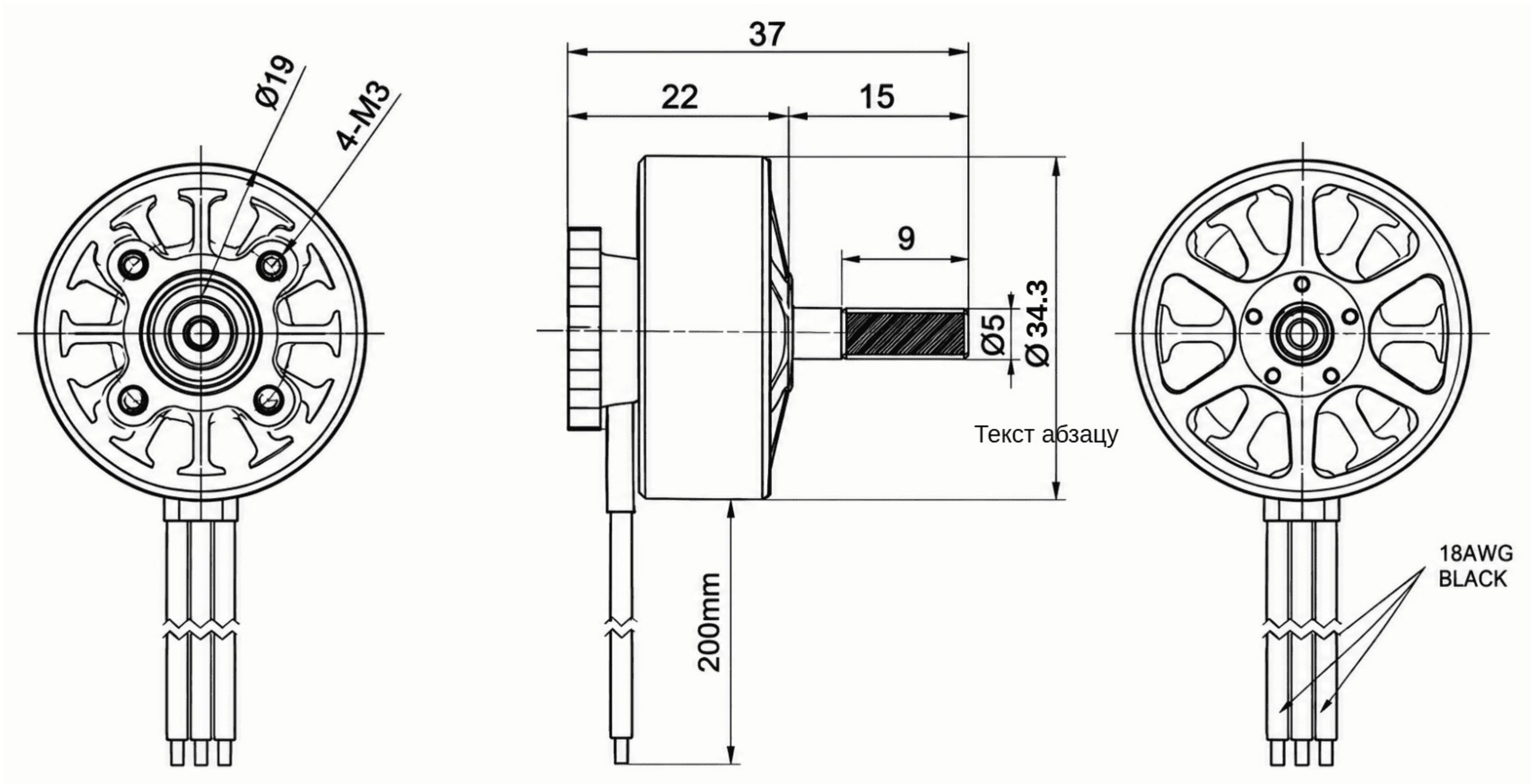


Pilotix SE 2807 1300KV Olive is an FPV motor featuring a 12N14P configuration with a 28×7mm stator. The motor operates within a voltage range of 11.1V to 25.2V with a rated voltage of 22.2V, delivering maximum power output of 1153.2W at maximum current draw of 46.13A. Internal resistance measures 71mΩ with no-load current of 1.43A at 16V. The unit features a 5mm diameter shaft with 15mm length, motor dimensions of 34.3mm diameter by 37mm height, and weighs 56.3g. Equipped with 18AWG silicone cables at 200mm length, the motor utilizes 19×19mm M3 mounting pattern with included M3×8mm mounting screws.

Product details	
Model	SE 2807 1300KV Olive
SKU	4480
Electrical specifications	
Motor KV	1300 KV
Rated voltage	22.2 V
Operating voltage range	11.1 - 25.2 V
Maximum current	46.13 A
Maximum power	1153.2 W
No-load current	1.43 A @ 16 V
Internal resistance	71 mΩ
Mechanical specifications	
Configuration	12N14P
Stator size	28 x 7 mm
Shaft size	5 x 15 mm
Motor dimensions	34.3 x 37 mm
Silicone cable	18 AWG
Silicone cable length	200 mm
Mounting	19 x 19 mm (M3)

Mounting screws	M3 × 8 mm (×4)
Weight	56.3 g
Common	
Package contents	Mounting screws
Warranty	2 years

Mechanical specification



Motor performance data

Model	Propeller	Voltage (V)	Throttle (%)	Current (A)	Thrust (g)	Efficiency (g/w)	Input (W)	Speed (RPM)	Temperature (°C)
2807 1300KV	FH70-35-3R	25.35	50	8.77	818	3.68	222.3	13851	51.2°C
		25.30	60	13.86	1137	3.24	350.6	15981	
		25.24	70	19.93	1398	2.78	503.1	17667	
		25.17	80	27.26	1748	2.55	686.3	19437	
		25.10	90	35.30	2024	2.28	885.9	20672	
		25.02	100	43.90	2238	2.04	1098.3	21741	