



玄云动力
SWIWIN TURBINE

SWIWIN SW400Pro-K

Technical specifications





SWIWIN SW400Pro-K List of engine accessories

Serial number	Name	Picture specification	Quantity
1	Engine		one
2	ECU (V4)		one
3	GSU		one
4	Fixture		one
5	Power cable		one
6	Signal cable		one
7	Switch valve		one



8	FESTO filter		one
9	Tubing	 $\Phi 4 \times \Phi 2.5\text{mm}$ $\Phi 6 \times \Phi 4\text{mm}$	1.5m

Technical parameter

Model	SW400Pro-K
Thrust	40kg
Diameter (mm)	148mm
Length (mm)	341mm
Weight	3240g
ECU weight	436g
Usage temperature	-40℃~50℃
Supply voltage	4S Lipo battery
Starting system	One-button electronic start
Rpm Range	35000-97000
Exhaust Temperature	750℃
Fuel Consumption	1000g/min
Fuel	kerosene
Lube oil	3%~5%
Maintenance Interval	25H
Start time	≤30s



Engine start parameters

Pump Voltage	1.6V
RPM Start Up Ramp	80%
Pump Start Up Ramp	8
Glow Plug	5-7V
Valve	40
Ignition RPM	3000
Preheat RPM	8000
RPM Off Starter	23000

Engine operating parameters

RPM ACC	40
RPM DEC	40
Max RPM	97000
Idle RPM	35000
Minimum speed	23000
Max Temp	1000
Low Volt	10V
Restart	close
Restart Glow Plug	Consistent with the voltage of the burner
Pump Limit	13V
Idle Stable	8

Engine cooling parameters

Cool	4000rpm
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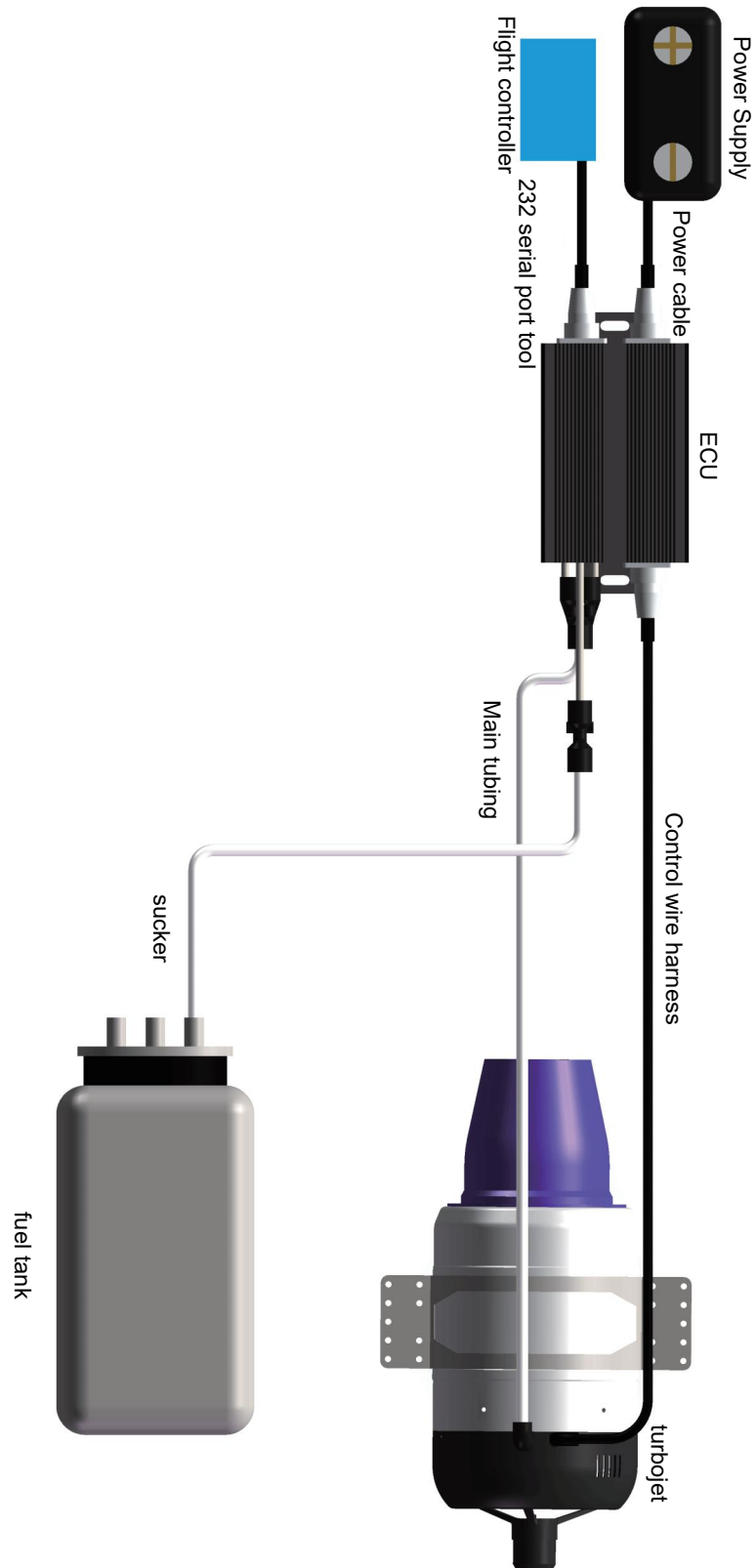
Starting motor parameters

Pop-up time	0.4S
Ejection voltage	4V
Run Voltage	5V
RPM Stable	20

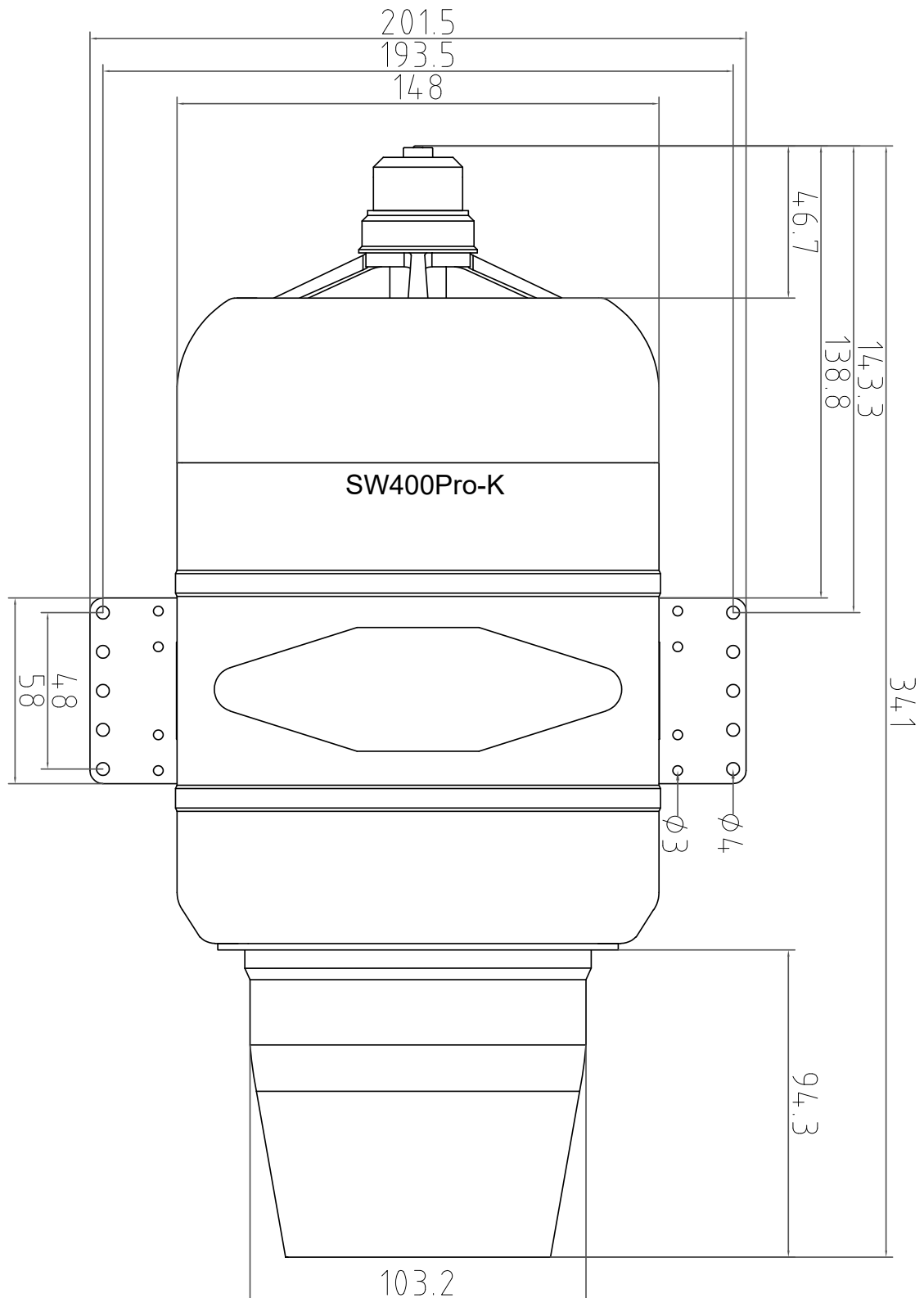
Note: All data are measured at standard air pressure.



System connection diagram



Product dimension diagram



Disclaimer

This internal combustion engine is only used for Model RC, Toy aircraft as power source, it can only be used for model airplane flight, model airplane flying show and other entertainment activities. According to the Export control law of the People's Republic of China and the Export control law of the USA. It is strictly forbidden to modify the product for illegal use. It is strictly prohibited to resell the product to the export restriction country under the law in China. Otherwise, all consequences will be at your own risk.