

SWIWIN SW80B

Technical specifications



SWIWIN SW80B List of engine accessories

Serial number	Name	Picture specification	Quantity
1	Engine body		one
2	ECU (V3)		one
3	GSU		one
4	Fixiture		one
5	Brushless fuel pump		one
6	Power cable		one
7	Signal cable		one

8	Throttle cable		one
9	Switch valve		one
10	Filter		one
11	Tubing		1.5m

Technical parameter

Model	SW80B
Thrust	8kg
Diameter (mm)	83mm
Length (mm)	200mm
Weight	800g
ECU weight	42g
Usage temperature	-40℃~50℃
Supply voltage	3S Lipo battery
Starting system	One-button electronic start
Rpm Range	50000-156000
Exhaust Temperature	750℃
Fuel Consumption	270g/min
Fuel	kerosene
Lube oil	3%~5%
Maintenance Interval	25H

Engine start parameters

Pump Voltage	0.6-0.9V
RPM Start Up Ramp	100%
Pump Start Up Ramp	3
Glow Plug	5-7V
Valve	40
Ignition RPM	6000
Preheat RPM	10000
RPM Off Starter	28000

Engine operating parameters

RPM ACC	15
RPM DEC	15
Max RPM	156000
Idle RPM	50000
Minimum speed	35000
Max Temp	1000
Low Volt	10V
Restart	close
Restart Glow Plug	Consistent with the voltage of the burner
Pump Limit	13V
Idle Stable	5-8

Engine cooling parameters

Cool

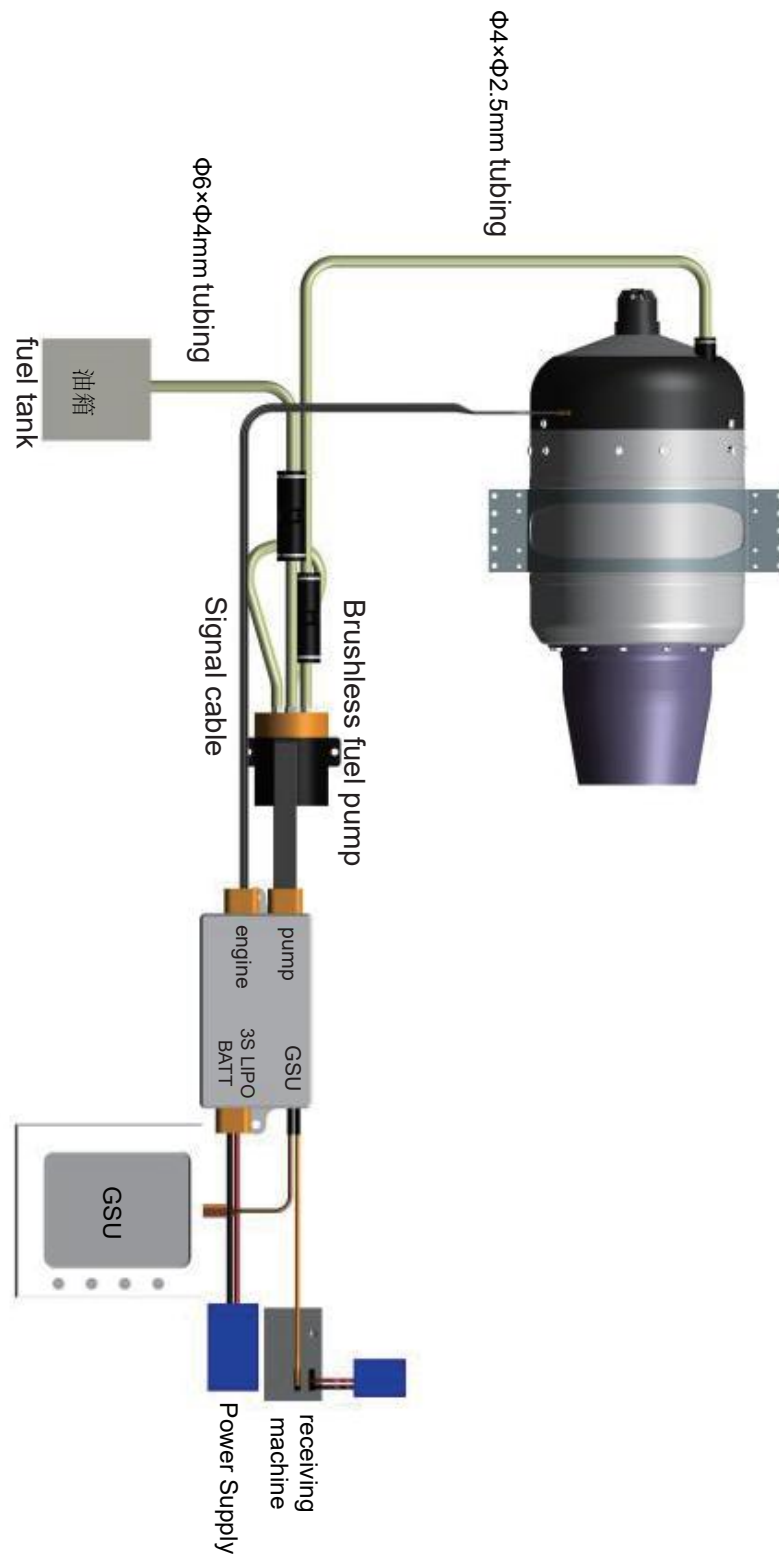
5000rpm

Starting motor parameters

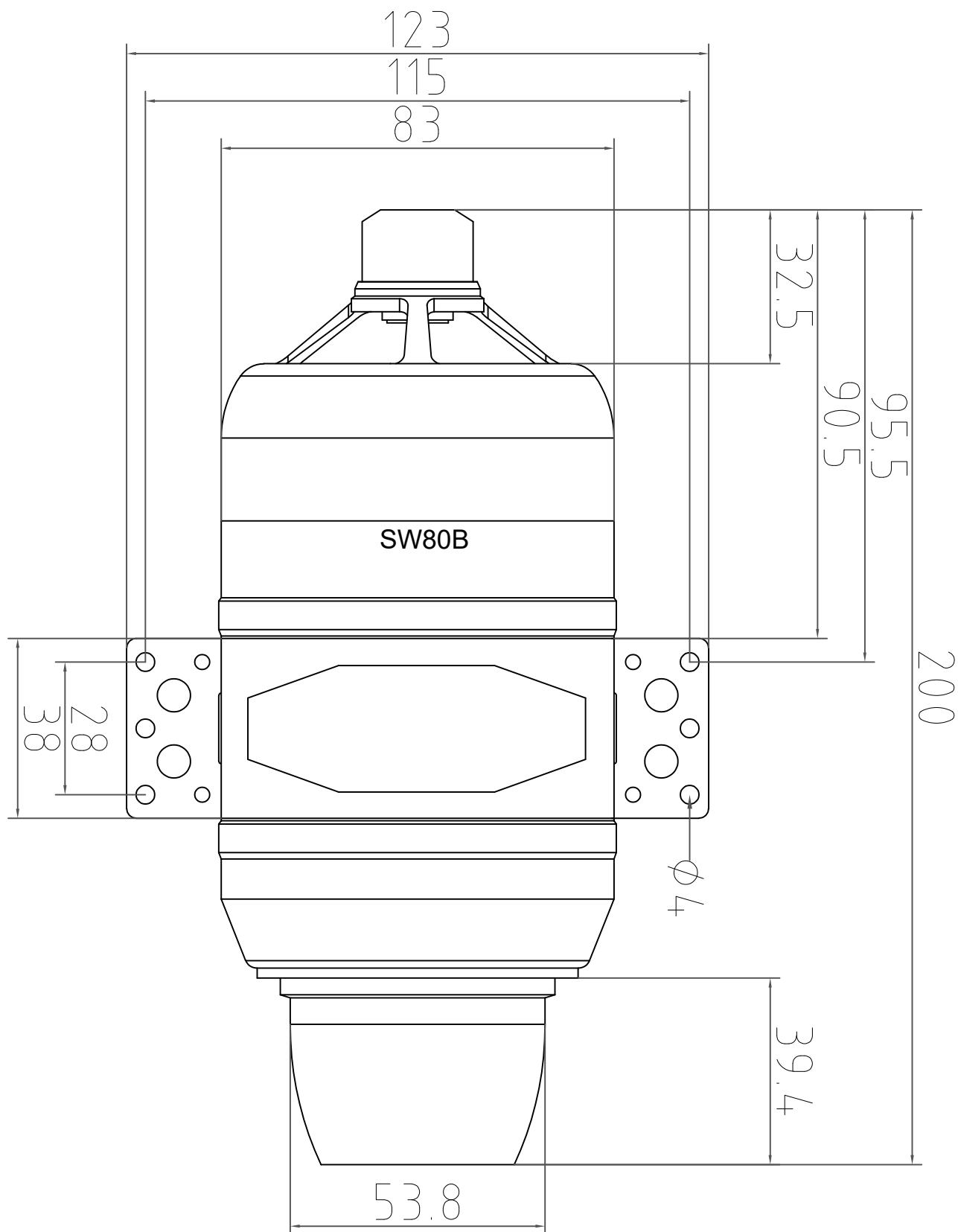
Pop-up time	0.5S
Ejection voltage	3.5V
Run Voltage	3.5V
RPM Stable	50

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.