



# Brushless DC Electric Motors



## Functional Description:

Skurka Aerospace designs and manufactures Brushless DC Electric Motors for a variety of applications including but not limited to: pumps, turrets, and weapons ejection systems to support both commercial and military aircraft and vehicles.

Skurka offers enclosed magnetic rotor designs for high speed applications, thermal protection for over temperature conditions, and air cooled housings for optimum heat dissipation as well as motor and controller packages.

We have a long history of supporting custom brushless designs to meet our customers unique system level requirements.

## Performance Specifications:

### INPUTS:

Voltage (DC): 5 to 270

### OUTPUTS:

Output Power (HP): 1/1000 to 50  
Speed (RPM): up to 30,000  
Continuous & Intermittent Duty

### SIZES:

Outside Diameter (in.): 1 to 8

### TYPES:

Totally Enclosed  
Fan Cooled  
Motors with Gear Heads & Braking Systems  
Permanent Magnet Designs  
Explosion Proof