



Brush DC Electric Motors



Functional Description:

Skurka Aerospace designs and manufactures Brush DC Electric Motors for a variety of applications including but not limited to: flight actuators, pumps, engine starters, door locks, sonar actuation, canopy ejection, guns, and turrets to support both commercial and military aircraft and vehicles.

Our proven reliability is based on hand wound tightly packed armatures, the use of robust long life brushes, and thermal protection for over temperature conditions.

Skurka has a long history of supporting custom brush designs to meet our customers unique system level requirements.

Performance Specifications:

INPUTS:

Voltage (DC): 5 to 270

OUTPUTS:

Output Power (HP): 1/1000 to 30

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

Wound Field & Permanent Magnet Designs

Explosion Proof