



# AC Induction Motors



## Functional Description:

Skurka Aerospace designs and manufactures AC Induction Motors for a variety of applications including but not limited to: flight actuators, power drive units, cargo loading, environmental cooling, pumps, gun feeders, and seat actuators as well as other devices to support both commercial and military aircraft.

Skurka offers motor and controller packages. Our motors are based on a solid bar rotor design.

We have a long history of supporting custom design AC Motors to meet our customers unique system level requirements.

## Performance Specifications:

### INPUTS:

Voltage (AC): 5 to 480  
Phase: 1, 2 and 3  
Frequency (Hz): 25 to 2000

### OUTPUTS:

Output Power (HP): 1/1000 to 40  
Speed (RPM): up to 30,000  
Wave Form: Square to Sinusoidal  
Continuous & Intermittent Duty

### SIZES:

Outside Diameter (in.): 1 to 12

### TYPES:

AC Induction Motors  
Fan Cooled  
Explosion Proof  
Motors with Gear Heads & Braking Systems  
Inverter Driven  
Two Speed "Single & Multiple Winding"