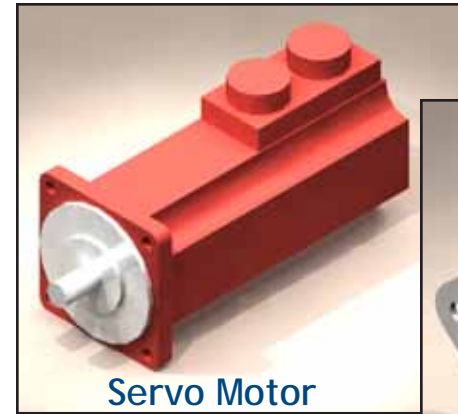


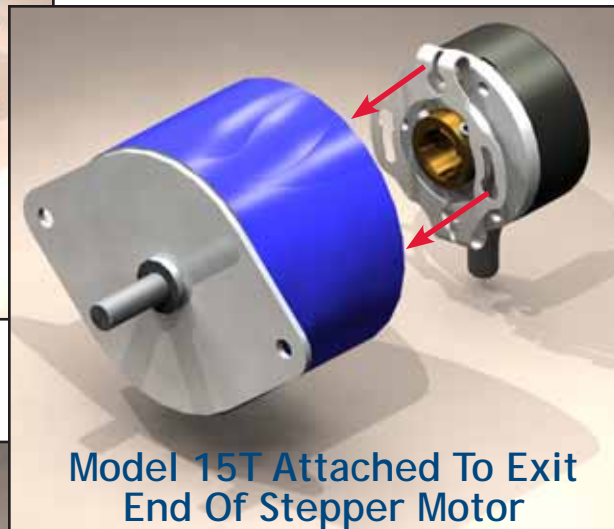
# SOLUTIONS FOR SMALL MOTORS

## Typical Examples Of Encoder Application/Locations On Motor

On Smaller Motors Such As Steppers, Servos, and Gearhead Motors, Encoders Are Positioned On The Exit End Of Motor.



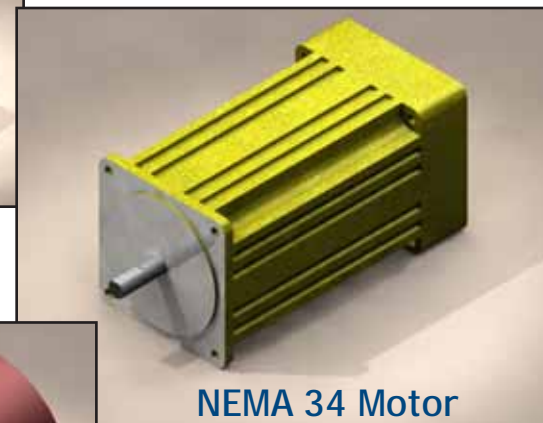
Servo Motor



Model 15T Attached To Exit End Of Stepper Motor



Gearhead Motor



NEMA 34 Motor



Gear Motor



Stepper Motor

### Model 260



#### Model 260 Features:

- Ø2.0" Thru or Hollow Bore Encoder
- Opto-ASIC Resolutions to 10,000 CPR
- Temperatures from -40° C to +120° C
- Bore Sizes to 0.625", or 15 mm
- Many Flexible Mounting Options
- Up To 12 Pole Commutation

### Models 15T and 15H



#### Model 15 Features:

- Ø1.5" Thru, or Hollow Bore Encoder
- Opto-ASIC Resolutions to 10,000 CPR
- Temperatures from -40° C to +120° C
- A Variety Of Mounting Solutions
- Fixed or Regulated Voltage
- Up To 12 Pole Commutation

### Model 121



#### Model 121 Features:

- Ø2.1" Thru or Hollow Bore Encoder
- All Metal Housed Modular
- Easy Auto-Aligning Installation
- Resolutions to 2540 CPR
- Temperatures from 0° C to +100° C
- Up To 12 Pole Commutation

### Model 755A NEMA



#### Model 755A NEMA Features:

- NEMA Size 23 or 34 Mount Encoder
- Metal Housing With Integrated Coupling
- Resolutions to 30,000 CPR
- Temperatures from -40° C to +100° C
- Frequencies Up To 1MHz

### Model 25T

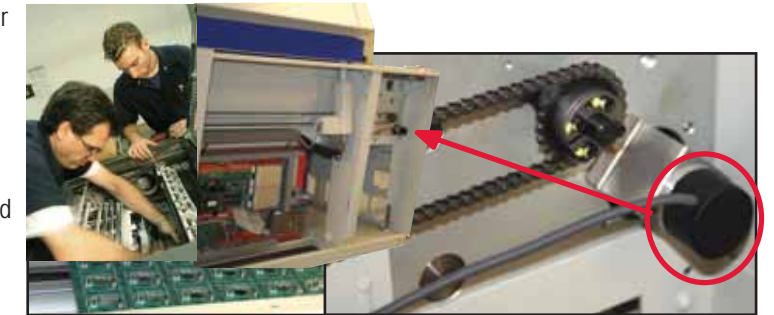


#### Model 25T Features:

- Ø2.5" Encoder with a Low Profile (2.0")
- Bore Sizes Ranging From 0.625" to 1.125"
- Resolutions to 10,000 CPR
- Frequencies to 1 MHz
- Versatile Flexible Mounting Options

## Small Motor Applications

Whether you're a Motor OEM or a Repair Shop servicing that Servo Motor deep inside a machine, EPC can help solve many of the challenges encountered in the small motor marketplace!



## Motor Challenges: EPC Solutions

### Mechanical Interface Problem: EPC Flex Mount Solution

#### Have We Got A Bracket For You

At Encoder Products Company we have the encoder you need with a flexible mounting solution to make your installation a breeze! With bolt hole patterns from 1.142" in slotted flex, to 2.375" tether arms, EPC can retrofit most existing flex mounts on the market.



### Resolution Requirements: EPC Has More Options

#### Large Range Of CPRs With Resolutions Up To 30,000

From the most common resolutions to CPRs up to 30,000 in a 1.5" encoder, EPC has the resolutions, commutation, and interpolation available to get your motor/controller performing flawlessly.



### High Temperatures/Hot Motors: EPC Can Take The Heat



#### Extreme Temperatures To 120° C

All the small motor encoders shown can take the heat to 100° C, and the Models 15 and 260 can take the extreme temps of 120° C- Now That's HOT HOT HOT!

### Long Delivery Lead Time: EPC Delivers In 4-6 Days Or Less

#### Standard Products Or Custom Configuration- EPC Delivers Fast

Tired of waiting for an encoder to get your production line up and running? EPC delivers encoders fast. Even custom encoders are often shipped faster than most suppliers standard products. When you need an encoder, let EPC show you why we continue to lead the industry in fast delivery.

All This With EPC's Industry Leading Warranty!