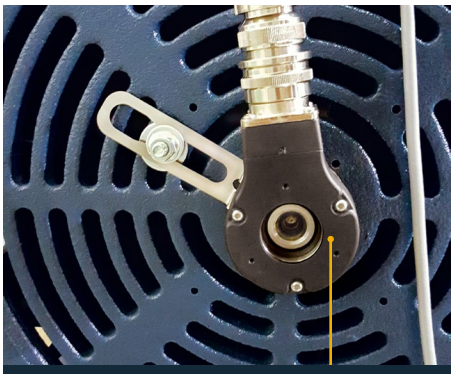
ENCODER PRODUCTS COMPANY

Large Motor
Motion Feedback Solutions



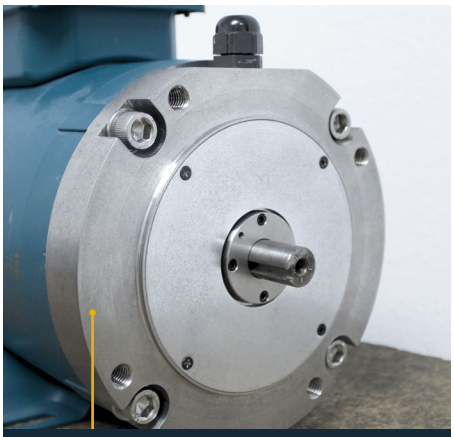
Model 25T/H

A Model 25T shown on a 75 HP motor shaft with an SJ flex mount (inspection panel removed). The IP66 seal protects the encoder from environmental contaminants like dust and moisture.



Model 260

The Model 260 thru-bore encoder installed on a fan-cooled motor. The IP64 seal protects the encoder from dust and contaminants.



Model 865T

A Model 865T stainless steel thru-bore encoder fits NEMA Size 56C thru 184C motor faces.

Motor Kits

Pre-configured kits for simple installation

Designed for Baldor, Reliance, Marathon, and other common motor brands. Motor kits are ideal for field replacement, or for installation on encoder ready motors.

Pre-configured motor kits include a Model 25T encoder with IP66 sealing, mating connector, SG flex mount, 56C protective encoder cover, and installation hardware.



Direct Motor Replacements (DMRs)

Drop-in ready solutions for vector duty induction motors

Direct Motor Replacement (DMR) encoders and DMR Universal Kits are drop-in ready configurations and components for the most widely used industrial vector duty induction motors.

DMR kits include a Model 25T encoder with IP66 sealing, anti-rotation flex mounts, bore size and connector type options, bore inserts, and installation hardware.



Anti-Rotation Flex Mounts

Anti-rotation flex mounts are engineered for a balance of flexibility and stiffness. Flex mounts keep thru-bore and blind hollow bore encoders from rotating on shafts, and accommodate shaft endplay and runout, preserving bearing life.



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Encoder Solutions for Large Motor Applications

EPC's family of large motor encoder solutions is engineered to provide reliable, long term service throughout lengthy duty cycles and in harsh conditions. Each model offers a wide range of options that enable the user to specify the optimal configuration for NEMA and IEC frame motors.

MODEL 58T/HP

***Programmable** thru-bore or blind hollow bore encoder*

- Programmable output type, waveform, and resolutions from 1 to 65,536 CPR
- Available in thru-bore or blind hollow bore
- Bore sizes from 0.25" to 1.125" or 6 mm to 28 mm
- Variety of flexible mounting options
- Operating temps: -40° to 100° C
- Sealing to IP67



MODEL 25T/H

Single replacement for 2.0" to 3.5" encoders

- Resolutions to 10,000 CPR
- Available in thru-bore or blind hollow bore
- Bore sizes from 0.25" to 1.125" or 6 mm to 28 mm
- Corrosion-resistant option
- Low 2.0" profile
- Variety of flex mount options
- Operating temps: -40° to 105° C
- Sealing to IP66



MODEL 260

Compact, economical encoder

- Resolutions to 10,000 CPR
- Slim profile – 2.0" diameter and 1.19" depth
- Bore sizes from 0.25" to 0.625" or 5 mm to 15 mm
- Up to 12 pole commutation
- Anti-backlash mounting system
- Operating temps: -40° to 120° C
- Sealing to IP64



MODEL 865T

Stainless steel NEMA motor mount encoder

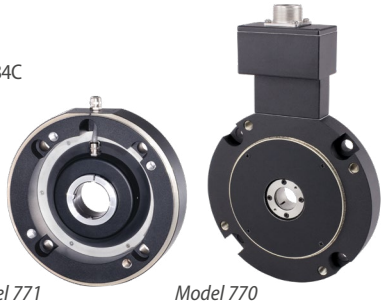
- Resolutions to 4096 CPR
- Fits NEMA Size 56C thru 184C motor faces (4.5" AK)
- Slim profile – 1.00" depth
- Operating temps: 0° to 100° C



MODELS 770 / 771

NEMA motor mount encoders

- Resolutions to 4096 CPR
- Model 770 fits NEMA frame size 56C thru 184C
- Model 771 fits NEMA 182TC – 256TC
- Bore sizes to 1" or 24 mm (Model 770) or sizes to 1 7/8" or 43 mm (Model 771)
- Variety of connector options
- Operating temps: 0° to 100° C
- Sealing to IP65 available



Model 771 *Model 770*

MODELS 775 / 776

Low-profile motor mount encoders

- Resolutions to 4096 CPR
- Slim profile – 1.36" depth
- Bore sizes from 1 7/16" to 1 7/8" or 35 mm to 43 mm
- Available with a variety of connector types
- Easy over-shaft installation
- Operating temps: 0° to 100° C



Model 775 *Model 776*

Not sure which motion feedback is right for your application? Give us a call. When you call EPC, you talk to engineers and encoder experts who can help you specify the right encoder solution for your motion control application. Contact EPC today.

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