Large Motor

Motion Feedback Solutions

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.
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 260**
*Compact, economical encoder*
- 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 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

**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

**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

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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.