



**BRITISH
ENCODER**
PRODUCTS COMPANY



Small Motor Solutions

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For your small motor application, BEPC has your encoder solution

Whether you're a motor OEM or a repair shop servicing a servo motor deep inside a machine, BEPC can help solve the challenges you face when you need an encoder on a small motor.

- Resolution** From the most common resolutions to PPRs up to 10,000, BEPC has the resolutions, commutation, and interpolation available to get your motor/controller performing flawlessly.
- High Temp Environments** All BEPC's small motor encoders can take heat up to 100°C. And the 15 and 260 Models can take extreme temps up to 120°C.
- Mounting and Installation** BEPC offers flexible mounting solutions for easy installation. With bolt hole patterns from 29mm in a slotted flex, to 60.30mm tether arms, BEPC can retrofit most existing flex mounts on the market.
- Short Lead Times** BEPC delivers. We ship within 4 to 6 days of receiving the order, and we even offer overnight expedite options on some models. You'll get your encoder fast.

When you call BEPC, you'll talk to experts who can help you determine the best encoder solution for your application.

Models 15T and 15H use an integral bearing set and an innovative flexible mounting system, which are much more tolerant to axial misalignment or radial shaft runout.

- Low profile – 1.0" (25.4 mm) height and 1.5" (38 mm) diameter
- Thru-bore with sizes up to 0.375" (10 mm)
- Simple, innovative flex mounting system
- Up to 12 pole commutation optional for brushless motor control
- Low temp option down to -40° C
- High temp option up to 120° C
- Sealing options up to IP64



Model 30M/30MT has a non-contact magnetic sensor that's tolerant of wide air gaps and misalignment. With optional sealing up to IP69K, it can be applied in the dirtiest, wettest industrial environments.

- Easy alignment and installation
- Up to 1024 PPR (4096 PPR with quadrature counting)
- Optional 2, 4 or 8 pole commutation
- Temperature range -40° to 120° C
- Sealing options up to IP69K



Model 25T/H is your single replacement solution for 50.8mm to 88.9mm encoders. With resolutions up to 10,000 PPR and frequencies up to 1MHz, this industrial-strength encoder is perfect for fast revving motors.



- 63.5mm Opto-ASIC encoder with a low profile (50.8mm)
- Standard bore sizes ranging from 0.625" to 1.125"
- Metric bore sizes ranging from 6 mm to 28 mm
- Low temp option down to -40° C
- High temp option up to 105° C
- Versatile flexible mounting options for easy installation
- Sealing options up to IP66

Model 121 is an auto-aligning modular encoder with an innovative design that requires no calibration, gapping or special tools, giving you hassle-free installation.



- Accepts larger shafts up to 0.625" (15 mm)
- Up to 12 pole commutation available
- 0° to 100° C high temperature option
- Patented design
- Includes IP50 dust seal kit

The Model 260's integral bearing set provides stable and consistent operation without concerns for axial or radial shaft runout.



- Low profile 30.2mm
- Thru-bore and hollow bore (blind) styles
- Uses BEPC's innovative anti-backlash mounting system
- Incorporates Opto-ASIC technology
- Low temp option down to -40° C
- High temp option up to 120° C
- Sealing options up to IP64

Solutions for small motors

The versatile **Model 30M** works with a range of motors and adapters.

The Model 30MT comes with a threaded a housing for simple installation.



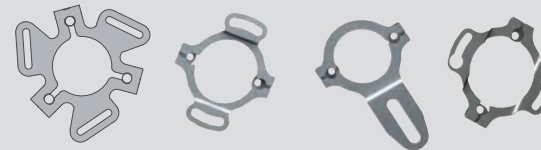
This installation required a hollow bore to go over the shaft. The **Model 25H** was the perfect solution.



The compact **Model 15T** fits into tight spaces, but still delivers high performance.

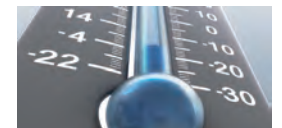
Mechanical interface challenge? EPC has your flex mount solution.

We have the encoder you need with a flexible mounting solution for easy installation. Call EPC today to help you select the proper encoder for your motor mount application.



Temperature extremes are no problem.

BEPC's encoders have temperature options that range from -40° to 120° C.



Get the British Encoder Products Advantage

Who Is British Encoder Products Company?

British Encoder Products Company is the European Division of EPC. Established in 1969, Encoder Products Company (EPC) is a global manufacturer of Accu-Coder™ brand encoders, and the largest privately held encoder manufacturer in the US. Operating from the belief that every customer deserves a quality product, EPC is known for building reliable, durable encoders that will last you for years. With superior customer service, expert support, and short lead times – even overnight, with expedite options – discover the Accu-Coder™ Advantage for your next encoder solution.

Exceptional Value

BEPC's competitive pricing ensures you'll get the best value.

Superior Design

- ✓ First to use Opto-ASIC technology
- ✓ Designers of the original Cube Encoder
- ✓ Creators of the Tru-Trac™ linear encoder solution

Customer Service

When you call BEPC, you'll talk to a live person. Our Customer Service Representatives are available from 8:00 am to 4:30 pm GMT.

Quick Delivery

- ✓ Standard delivery in 4 to 6 days
- ✓ Next-day expedite option available on some models

3 Year Warranty

BEPC's 3 Year Warranty is the best in the industry. (2 year on High Temp Options)

Outstanding Quality

BEPC is known for the outstanding quality of our products.

- ✓ ISO 9001:2008 Certified
- ✓ RoHS And WEEE Compliance

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Visit www.encoder.co.uk to view our full line of outstanding encoders.

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