



## ENCODER GUIDE



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## ROTARY INCREMENTAL

# DataTorque™

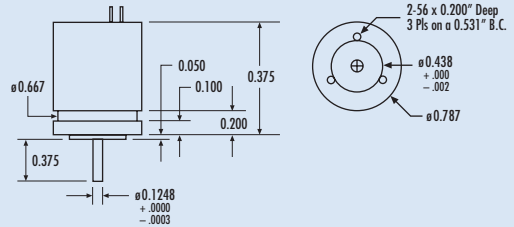
At CMC Torque Systems, we offer a wide selection of Rotary Incremental Encoders, providing you numerous solutions for a wide range of position and control application requirements.

The following encoder list includes our most current DataTorque™ Encoder Family. Each encoder display provides a brief capsule of capabilities as well as package dimensions.

### DataTorque™ SM7



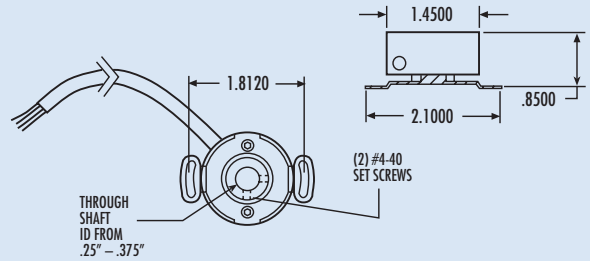
- SM7 Hollow Shaft
- Resolution to 2048CPR
- Input Voltage 5 to 26VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Miniature precision



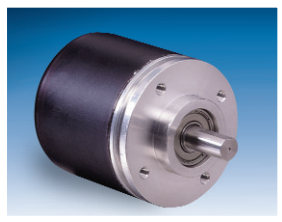
### DataTorque™ HS15



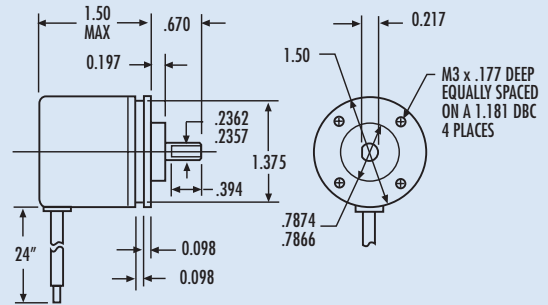
- HS15 Hollow Shaft
- Resolution to 5000CPR
- Input Voltage 5 to 26VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 500KHz
- Bore 0.25 in. to 10 mm
- Modular alternative



### DataTorque™ SM15



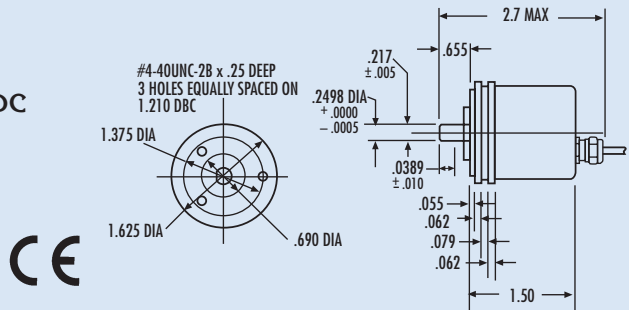
- SM15 Shaft Encoder
- Resolution to 2500CPR
- Input Voltage 5 to 24VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- CE Compliant
- Light Industrial



### DataTorque™ SM16



- SM16 Shaft Encoder
- Resolution to 2500CPR
- Input Voltage 5 to 24VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Shaft loading 10 lbs.
- CE Compliant
- IP65 Rating



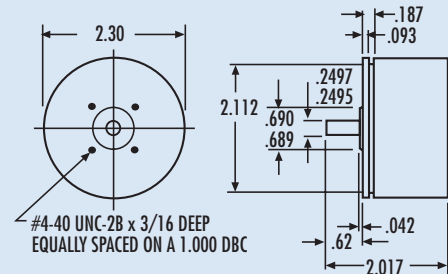
The DataTorque Encoder Guide will help you in your selection process by providing a general comparison. Please use it for reference only.

Be sure to consult with one of our Sales & Applications Specialists prior to selecting the exact DataTorque Encoder to match your specific application requirements.

### DataTorque SM23



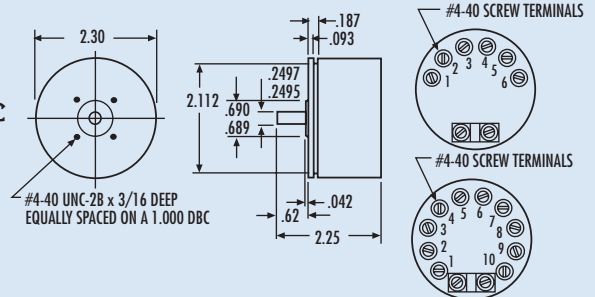
- SM23 Shaft Encoder
- Resolution to 2500CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Shaft Loading 10 lbs.
- Multi-purpose



### DataTorque RS23



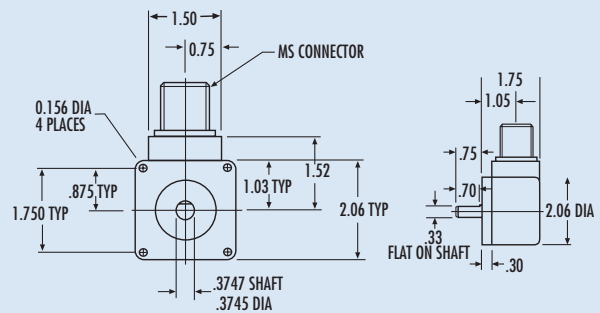
- RS23 Shaft Encoder
- Resolution to 2500 CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- CE Compliant
- Instrument Grade



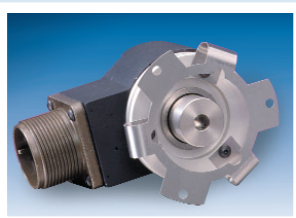
### DataTorque DT20



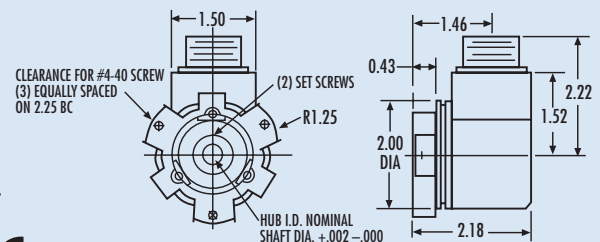
- DT20 Shaft Encoder
- Resolution to 2500CPR
- Input Voltage 5 to 24VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Shaft Loading to 80 lbs.
- IP65 Rating
- CE Compliant
- Heavy Industrial



### DataTorque FM20



- FM20 Flexmount Encoder
- Resolution to 2500CPR
- Input Voltage 5 & 24VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Hub Bore 0.25 in. to 0.5 in.
- IP65 Rating
- CE Compliant
- Heavy Industrial



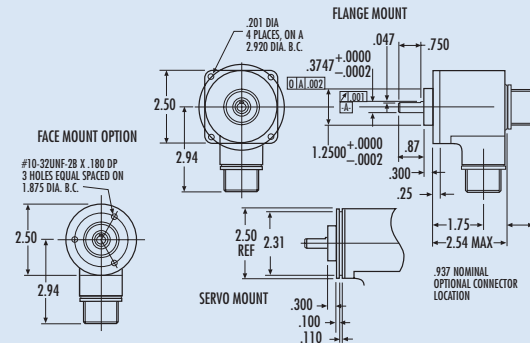
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## ROTARY INCREMENTAL

### DataTorque™ DT25



- DT25 Shaft Encoder
- Resolution to 5400CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Servo or Face Mounting
- CE Compliant
- Heavy Industrial

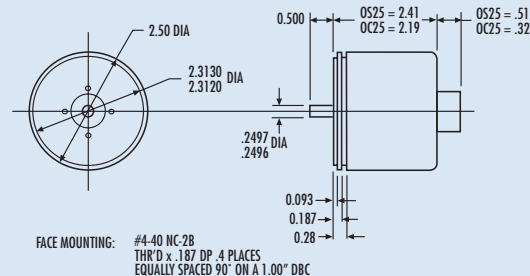


### DataTorque™ OC25



### DataTorque™ OS25

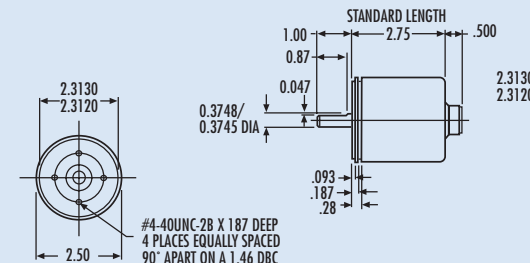
- OC25 or OS25 Shaft Encoder
- Resolution to 5400CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Servo or Face Mounting
- Industrial



### DataTorque™ ON25



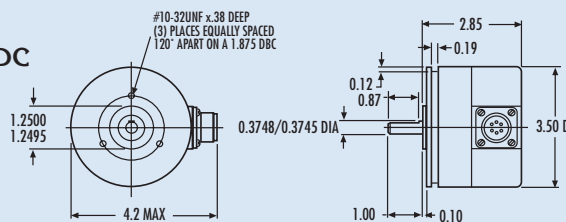
- ON25 Shaft Encoder
- Resolution to 5400CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Servo or Face Mounting
- Heavy Industrial



### DataTorque™ ON35



- ON35 Shaft Encoder
- Resolution to 5400CPR
- Input Voltage 5, 12 & 15VDC
- Output A, B & Z
- Option of Line Driver
- Frequency 200KHz
- Shaft loading 35 lbs.
- Servo or Face Mounting
- Heavy Duty Industrial



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