

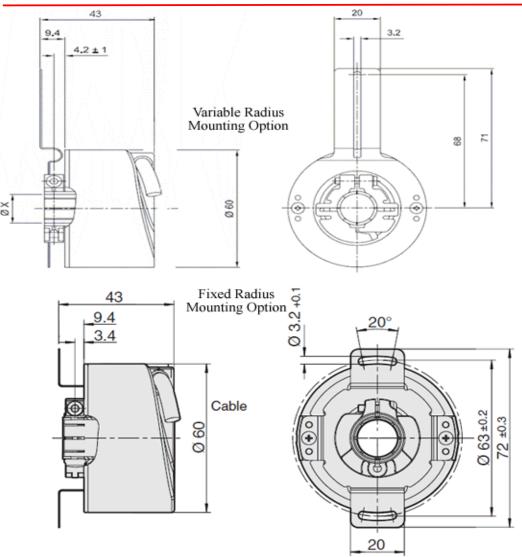
# BOHA Series

# <u> Universal Hollow Shaft Encoder —</u>

## Features

- Factory Set for Same Day Dispatch (1 to 65,536 Pulses Per Rev)
- 100 Degrees Centegrate cabability as standard
- Opto-ASIC Technology
- Any bore up to 15mm bore (Metric) or (Imperial)

The 60HA encoder is designed to fit directly on to motor shafts, or any shaft where position, direction, or velocity information is needed. The advanced electronics provides superior performance and high noise immunity. The encoder features a simple clamp mount for easy mounting over a large range of shaft sizes, whilst the univesal anti-rotation flex mount maintains housing stability. Alternatively, if body rotation is required, there is the option of rotatatable mounting on a fixed radius instead.



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# BOLLA Series

## **Universal Hollow Shaft Encoder**



#### Protection:

IP65 (higher on request)

## User Shaft Runout (max):

Up to 10,000ppr =

+/- 0.1mm (radial)+/- 0.2mm (axial)

Above 10,000ppr =

+/- 0.05mm (radial)+/- 0.01mm (axial)

## Operating Temperature:

-20 to +100°C

## Storage Temperature:

-40 to +100°C

## Maximum Speed:

9000 RPM

Vibration: 20g @ 10...2000Hz

## Shock:

60g @ 6ms

### Humidity:

90% RH (non-condensing)

#### Supply Voltage:

5 to 32VDC

### **Current Consumption (max):**

40mA - without load

Load Current (max):

30mA

Cable:

#### Screened, oil and salt water

## Impulse Frequency (max):

1 to 10,000ppr = 600KHz

10,000 to 65536ppr = 800KHz

## Noise Immunity:

EN 61000-6-2

EN 61000-6-4

## Shaft Loading:

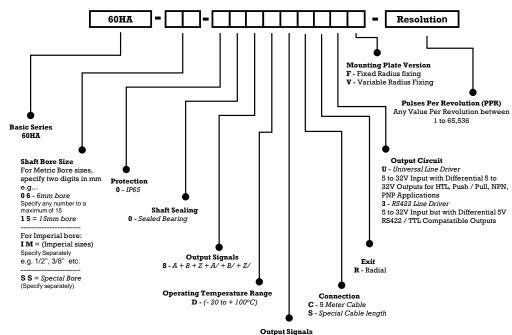
Flexible Mounted (supplied)

## Torque @ 20°C:

0.8Ncm (Start)

0.6Nm

## Ordering Code



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6 - 600KHz (800KHz for resolutions above 10,000 PPR)

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