



Industrial Encoders
Direct Ltd

60HA Series

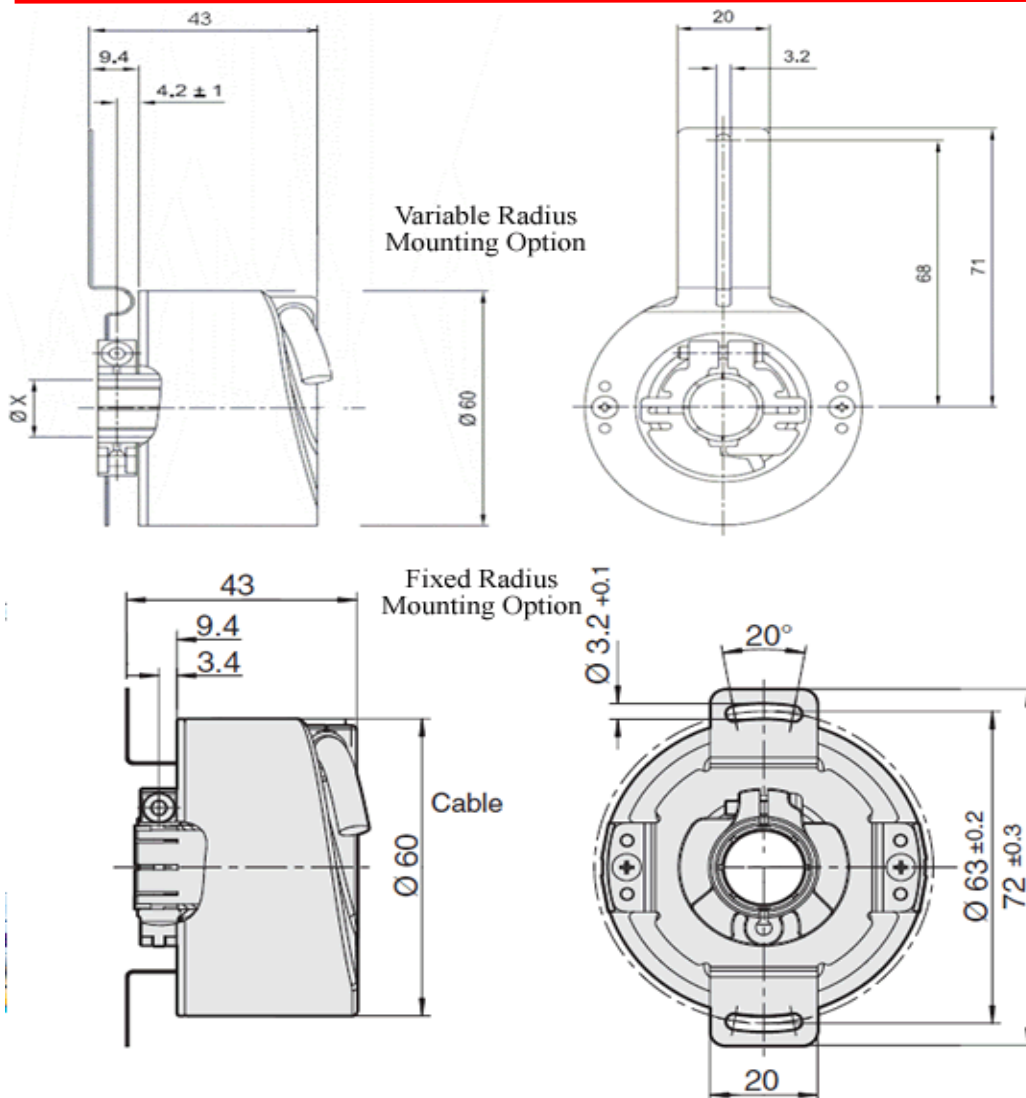
Universal Hollow Shaft Encoder



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 rotatable mounting on a fixed radius instead.



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www.industrialencodersdirect.co.uk sales@industrialencodersdirect.co.uk



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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:

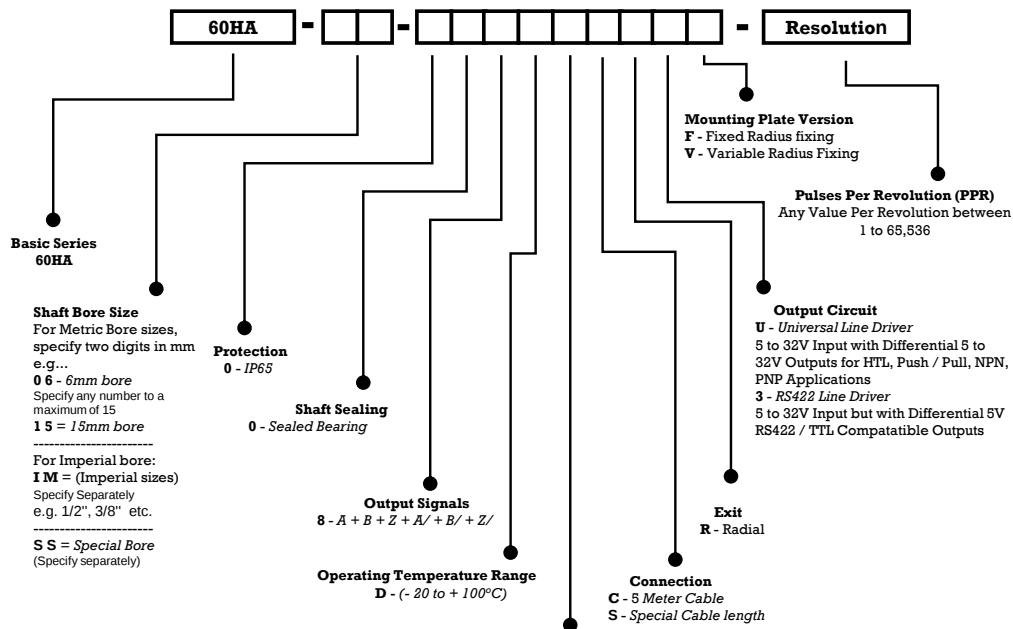
Flexible Mounted (supplied)

Torque @ 20°C:

0.8Nm (Start)

0.6Nm

Ordering Code



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All information is issued for guidance purposes only. A copy of our Standard Terms and Conditions is available on request.

Output Signals

6 - 600KHz

(800KHz for resolutions above 10,000 PPR)

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