



Industrial Encoders
Direct Ltd

110HA Series

Large Bore Hollow Shaft Encoder

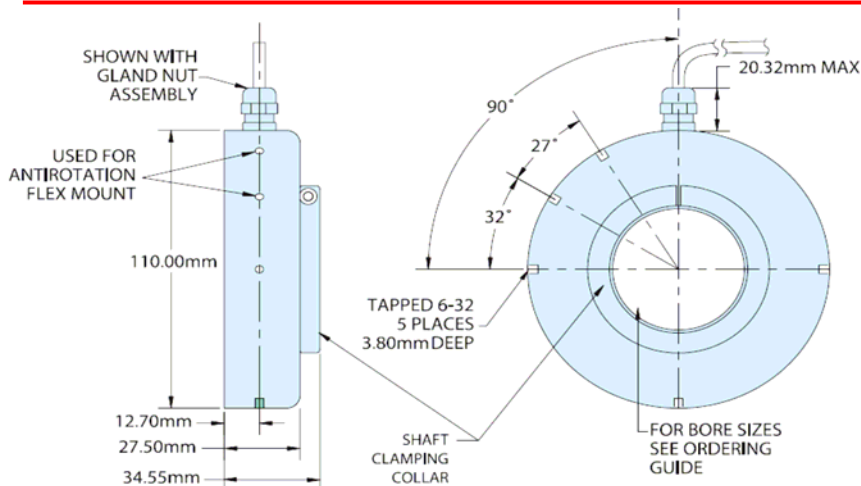


Features

- Very Slim Profile
- 100 Degrees Centigrate capability
- Opto-ASIC Technology
- Many Resolutions Available
- Up to 43mm bore (Metric) & Up to 1.875" (Imperial)

The 110HA encoder is designed to fit directly on large motor shafts, or any shaft where position, direction, or velocity information is needed. The advanced Opto-ASIC electronics provides superior performance and high noise immunity necessary in many industrial applications. The encoder features a simple clamp mount for easy mounting over a large range of shaft sizes, whilst the innovative anti-rotation flex mount maintains housing stability.

COMMON APPLICATIONS: Motor Feedback - Velocity & Position Control - Material Handling



Resolutions Available:

60
100
120
240
250
256
500
512
600
1000
1024
2048
2500
4096

SPECIFICATIONS

Body:

Precision Machined
Aluminium

Cover:

Precision Machined
Aluminium
(Powder Coated)

Shaft:

Aluminium (Anodized)

Bearings:

Shielded Ball Race

Cable: Screened

Protection:

IP50

User Shaft Allowable Radial Runout:

0.15mm Total Indicated Reading (TIR)

Operating Temperature:

0 to +100°C
(higher on request)

Storage Temperature:

-20 to +100°C

Maximum Speed:

6000 RPM

Vibration:

10g @ 58 to 500Hz

Shock:

50g @ 11ms duration

Humidity:

98% RH (non-condensing)

Shaft Loading:

Flexible Mount (as supplied)

Cable:

Screened, oil and salt water proof

Impulse Frequency:

200KHz (Max)

Current Consumption:

100mA (Maximum - without load)

Noise Immunity:

BS EN61000-4-2; IEC801-3; BSEN61000-4-4; DDENV 50141; DDENV 50204; BS EN55022; BS EN61000-6-2; BS EN50081-2

TEL: (UK) +44 (0) 1978 664722

FAX: (UK) +44 1978 664733

WEB: www.industrialencodersdirect.co.uk

EMAIL: sales@industrialencodersdirect.co.uk



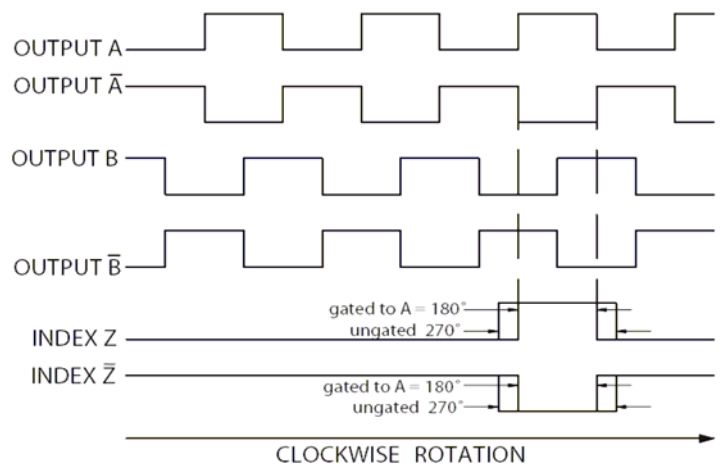
Industrial Encoders
Direct Ltd

110HA Series

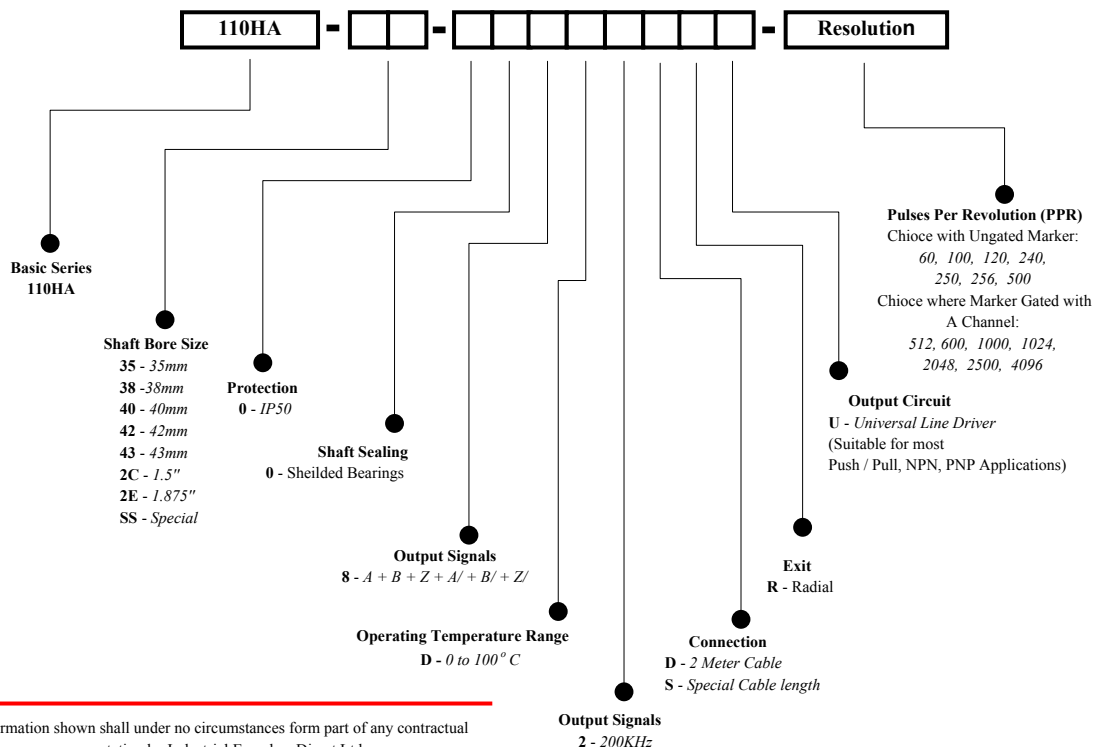
Large Bore Hollow Shaft Encoder



Waveform Diagram



Ordering Code



All information shown shall under no circumstances form part of any contractual representation by Industrial Encoders Direct Ltd.
All information is issued for guidance purposes only. A copy of our Standard Terms and Conditions is available on request.

TEL: (UK) +44 (0) 1978 664722

FAX: (UK) +44 1978 664733

WEB: www.industrialencodersdirect.co.uk

EMAIL: sales@industrialencodersdirect.co.uk