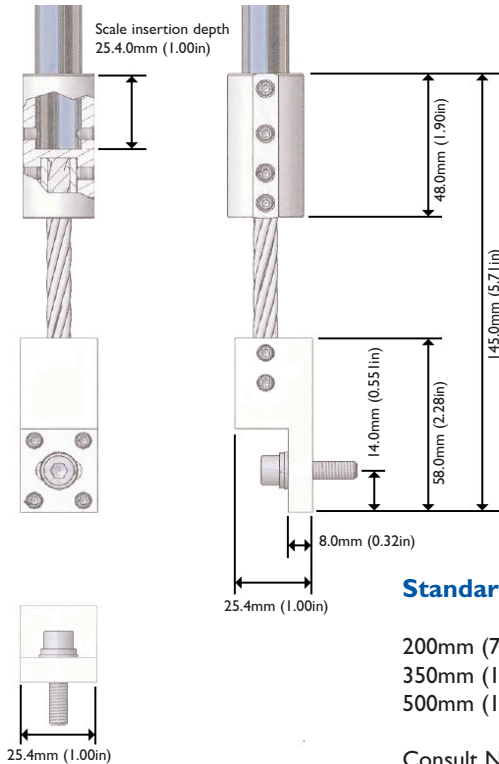


The Newall SPB encoders are specifically designed to meet the strenuous demands of the Pressbrake industry offering unsurpassed resistance to environmental conditions such as shock, vibration and contamination.

Newall SPB 编码器专为满足压弯机行业苛刻的需求而设计，抗冲击、抗振动和抗污染等环境性能极佳。



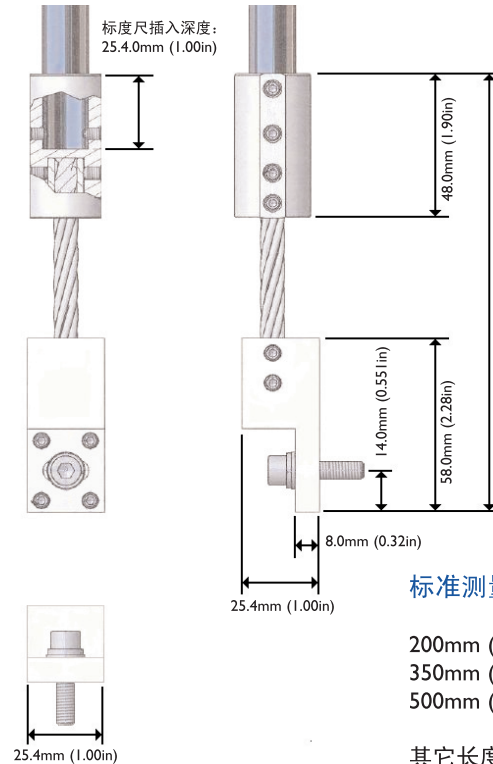
Construction

- Inductive system with no optics to fail or become contaminated
- No internal moving parts
- Fully sealed reader-head to IP67
- Stainless steel scale construction
- Patented self aligning mechanism catering for large mounting tolerances
- Unsurpassed Shock and vibration
- Simple installation
- Setup LED on SPB-TS encoder

Standard Measuring Lengths

200mm (7.87"), 250mm (9.84"), 300mm (11.81"),
350mm (13.77"), 400mm (15.74"), 450mm (17.71"),
500mm (19.68"), 550mm (21.65")

Consult Newall for other lengths.



构造

- 电感系统没有任何光学器件，不会产生故障或受到污染
- 不具有内部移动部件
- 达到 IP67 级别的完全密封读数头
- 不锈钢标度尺构造
- 专利自对齐机制，适合较大的安装公差
- 抗冲击和抗振性卓越
- 安装简便
- SPB-TS 编码器上的设置 LED

标准测量长度

200mm (7.87"), 250mm (9.84"), 300mm (11.81"),
350mm (13.77"), 400mm (15.74"), 450mm (17.71"),
500mm (19.68"), 550mm (21.65")

其它长度请咨询 Newall。

Reference Marks

SPB-TS has up to eight reference marks separated by 50mm (2") of travel from the mounting end. The desired reference mark is selected by rotating the scale to bring the reference within the scale in-line with the sensor encapsulated within the reader-head.

SPB-TT provides periodic reference marker pulses every 12.7mm regardless of scale rotation.

基准标记

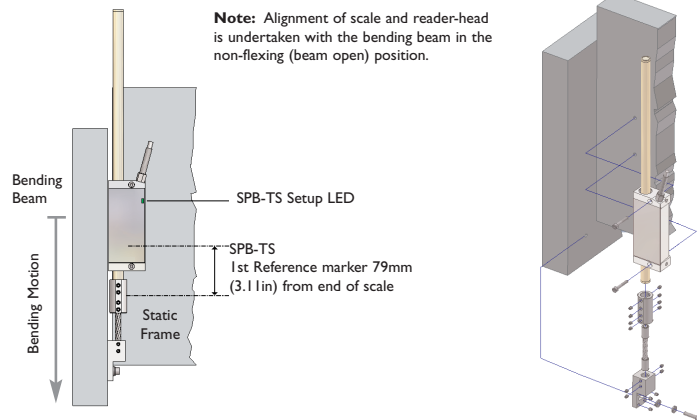
SPB-TS 具有多达八个基准标记，从安装端开始以行程间距 50mm (2") 分隔。通过旋转标度尺将标度尺上的基准标记与密封在读数头内的传感器对齐，可以选择想要的基准标记。

SPB-TT 每隔 12.7mm 就提供一次周期性的基准标记脉冲，而无论如何旋转标度尺。

Specification

	SPB-TS and SPB-TT
Accuracy	+/- 10µm
Resolution	1µm or 5µm
Output Type	RS422 Differential Quadrature
Max. Traverse Speed	60m/min (198ft/min)
Max. Acceleration	100m/s ² (10g)
Power Supply	5Vdc +/- 5% @ 85mA
Reference Mark	SPB-TS = User Selectable 1 from 8 SPB-TT = Periodic (12.7mm)
Moving Force	<5N
Sealing	IP67
Shock EN 60-068-2-27 (11ms)	980mS ⁻² (100g)
Vibration EN60-068-2-6 (55... 2000Hz)	294mS ⁻² (30g)
EMC	BS EN 50081-2 & BS EN 50082-2
Temperature (Storage)	-20 to +70°C
Temperature (Operation)	0 to +55°C
Measuring Length including Single-End Mount	Travel + 306mm (12in)
Measuring Length without Single-End Mount	Travel + 268mm (10.5")
Mounting Alignment Tolerance	+/- 3mm (Press closed)

Installation



规格

	SPB-TS 和 SPB-TT
精度	+/- 10µm
分辨率	1µm 或 5µm
输出类型	RS422 差分四相信号
最大横断速度	60m/min (198ft/min)
最大加速度	100m/s ² (10g)
电源	85mA 时为 5Vdc +/- 5%
基准标记	SPB-TS = 用户可以从 1 到 8 之间进行选择 SPB-TT = 周期 (12.7mm)
移动力	<5N
密封	IP67
冲击 EN 60-068-2-27 (11ms)	980mS ⁻² (100g)
振动 EN60-068-2-6 (55... 2000Hz)	294mS ⁻² (30g)
EMC	BS EN 50081-2 & BS EN 50082-2
温度 (存放)	-20 到 +70°C
温度 (工作)	0 到 +55°C
包含单端安装架的测量长度	行程 + 306mm (12in)
不含单端安装架的测量长度	行程 + 268mm (10.5")
安装对齐公差	+/- 3mm (关闭压力机的情况下)

安装

