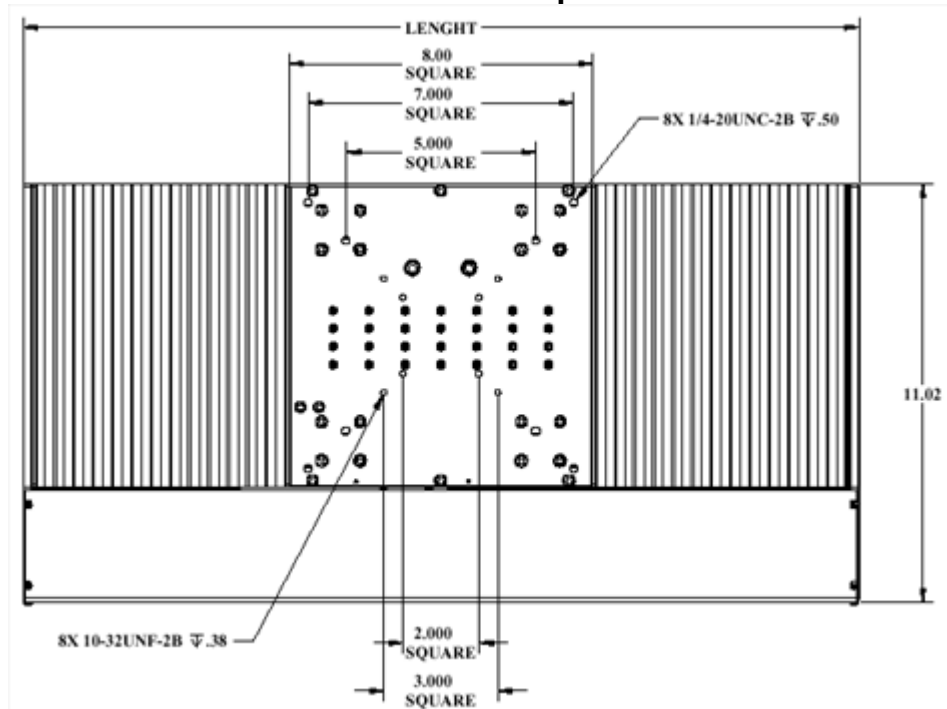


SAS-IL-1200™ Recirculating Way Table



Product Dimensions

Dimensions - Top View



Dimensions - Side View



For Further Information Contact

Heason Technologies Group Ltd

Tel: +44(0)1403 755800

Fax: +44(0)1403 755810

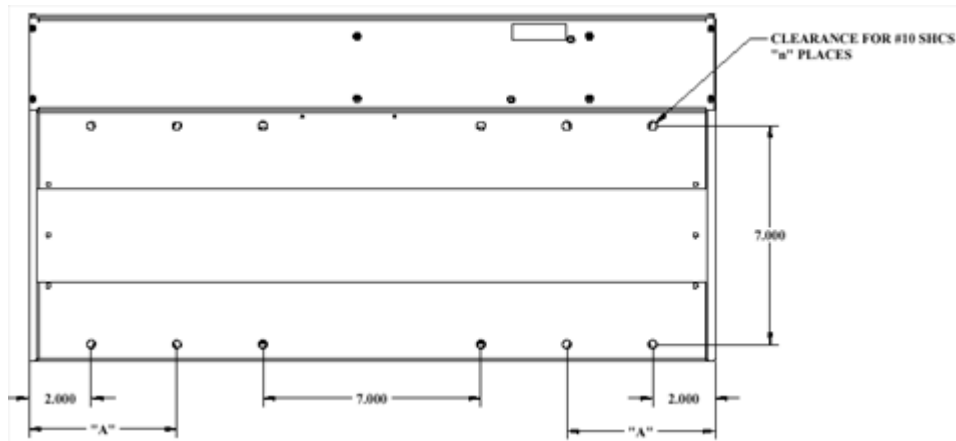
Email: sales@heason.com

Freephone 0800 374903 www.heason.com

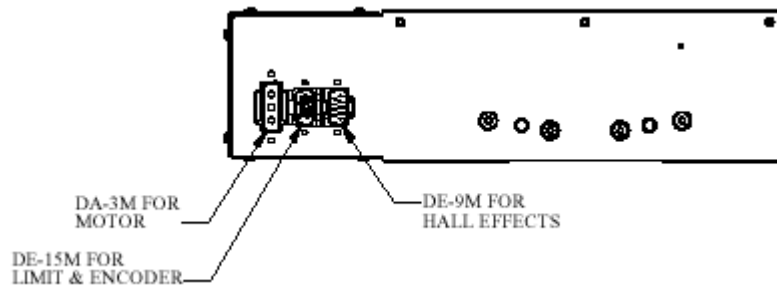
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SAS-IL-1200™ Recirculating Way Table

Dimensions - Bottom View



Dimensions - End View



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SAS-IL-1200™ Recirculating Way Table

Specifications

Travel (inches)	12
Overall Height (inches)	3
Positional Accuracy (μm) ¹	9
Resolution (μm)	5, 1, 0.5, 0.1
Bi-directional Repeatability (arc-seconds)	± 1 count
Load Capacity (g) ²	70
Maximum Acceleration (m/sec^2) ²	40
Maximum Velocity (m/sec)	5
Mass (kg)	Moving Total
	5.2 21
Motor Force Constant (N/A)	16.9
Fundamental Motor Constant (130°C)	6.6N / $\sqrt{\text{Watt}}$
Back-emf Constant (V/m/s)	13.8
Coil Resistance (25°C, Ohm)	3.1
Coil Inductance (mH)	0.65
Continuous Current (130°C, Amps)	4.5
Peak Current (Amps)	14.2
Continuous Force (130°C, N)	76
Peak Force (N)	240
Continuous Power Rating (Watts)	131
Pitch & Yaw (arc-seconds)	20
Flatness & Straightness (μm)	5

¹ With 2 point slope correction.

² Please contact our Applications Engineers for loads exceeding 75kg.

³ The maximum speed is encoder and load dependent.

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