



Slides - Linear - Recirculating Ball - Standard

10/4/2018

Indicates item not stocked at time of printing - Please enquire for lead time

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MBA Size Listings are a guide to sizes only and must not be solely relied on for critical design information.

INFORMATION

The BSR precision Linear Slide series is a lightweight and compact linear motion rolling guide made of stainless steel formed precisely to be U-shaped table or track rail.

Slides: Stainless Steel End Stop / Retainer: Synthetic Resin.

Maximum Speed: 0.5 m/sec (30m/min).

Temperature: +100^oC (Constant), +120^oC (Maximum).

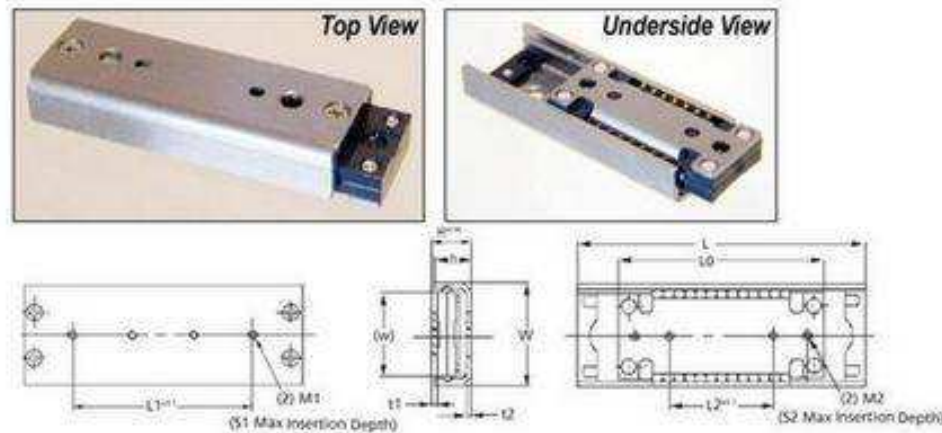
Does not incorporate a mechanical stopper. Sensitive to external contaminants.

Note BSR1530SL and BSR2040SL can not be mounted from inside of track rail.

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Other Info.

The BSR precision Linear Slide series is a lightweight and compact linear motion rolling guide made of stainless steel formed precisely to be U-shaped table or track rail. The Precision Linear Slide series features high performance and durability, making this series suitable for scanning or writing heads of memory storage devices such as hard disk drives. The series is also widely applicable for measuring equipment, IC manufacturing and inspection devices etc.

To obtain consistently high accuracy in operation, do not exceed 20% of the basic static load rating.

The BSR Type is recommended when it is difficult to calibrate the position of the retainer in the BSP Type.

Sensitive to external contaminants, so it is recommended that any dirt should be washed out with a suitable cleaning agent.

In order to ensure smooth motion, a high grade lubricant should be reapplied to the raceway.

This type features a special composite resin retainer to recirculate the balls, permitting longer stroke lengths with low noise.

For track rails over the lengths mentioned in the dimension table, consult Gndrives Ltd.

1 kgf = 9.807N = 2.2046 lbs

1mm = 0.03937 inch.

For temperatures over 100°C we can supply special high temperature grease (200°C - supplied in syringe) CG2-SY.

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Part Number	Width (W) mm	Height (H) mm	Length (L) mm	Bolt Hole Centres (L1 / L2) mm	Max Stroke mm	Screw / Max Depths (S1/S2) mm	Table Top Depth (h) mm	Base Thickness (t1) mm	Top Thickness (t2) mm	Basic Dynamic Load Rating
	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	
# BSR1550SL	15.0	8.0	50.0	24 / 34	30.0	1.8 / 3.0	7.0	1.0	1.2	51
	<i>0.591</i>	<i>0.315</i>	<i>1.969</i>		<i>1.181</i>		<i>0.276</i>	<i>0.039</i>	<i>0.047</i>	

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