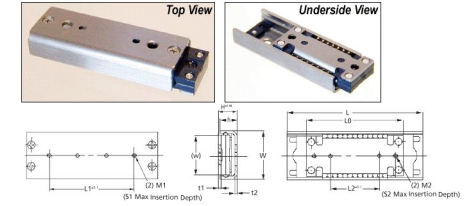




MBA

Slides - Linear - Recirculating Ball - Standard



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 BSR 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 Ondrives Ltd.
 L kgf = 0.00705 x 2.2046 lbs
 Inch = 0.0254 inch
 For temperatures over 100°C we can supply special high temperature grease (200°C - supplied in syringe) CG2-8Y

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°C (Constant), +120°C (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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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 / Top Thickness (t1/t2) mm	Basic Dynamic Load Rating kgf	Basic Static Load Rating kgf
# BSR1230SL	12.0 <i>0.472</i>	4.5 <i>0.177</i>	30.0 <i>1.181</i>	15 / 15	13.0 <i>0.512</i>	1.3 / 1.6	4.0 <i>0.157</i>	0.9 / 0.9	20	15
# BSR1240SL	12.0 <i>0.472</i>	4.5 <i>0.177</i>	40.0 <i>1.575</i>	15 / 20	23.0 <i>0.906</i>	1.3 / 1.6	4.0 <i>0.157</i>	0.9 / 0.9	20	15
# BSR1250SL	12.0 <i>0.472</i>	4.5 <i>0.177</i>	50.0 <i>1.969</i>	15 / 34	33.0 <i>1.299</i>	1.3 / 1.6	4.0 <i>0.157</i>	0.9 / 0.9	20	15

Indicates item not stocked at time of printing - Please enquire for lead time
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Slides - Linear - Recirculating Ball - Standard

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 / Top Thickness (t1/t2) mm	Basic Dynamic Load Rating kgf	Basic Static Load Rating kgf
# BSR1260SL	12.0 <i>0.472</i>	4.5 <i>0.177</i>	60.0 <i>2.362</i>	15 / 40	43.0 <i>1.693</i>	1.3 / 1.6	4.0 <i>0.157</i>	0.9 / 0.9	20	15
# BSR1530SL	15.0 <i>0.591</i>	8.0 <i>0.315</i>	30.0 <i>1.181</i>	24 / 14	10.0 <i>0.394</i>	1.8 / 3.0	7.0 <i>0.276</i>	1.0 / 1.2	51	34
# BSR1540SL	15.0 <i>0.591</i>	8.0 <i>0.315</i>	40.0 <i>1.575</i>	24 / 24	20.0 <i>0.787</i>	1.8 / 3.0	7.0 <i>0.276</i>	1.0 / 1.2	51	34
# BSR1550SL	15.0 <i>0.591</i>	8.0 <i>0.315</i>	50.0 <i>1.969</i>	24 / 34	30.0 <i>1.181</i>	1.8 / 3.0	7.0 <i>0.276</i>	1.0 / 1.2	51	34
# BSR1560SL	15.0 <i>0.591</i>	8.0 <i>0.315</i>	60.0 <i>2.362</i>	24 / 40	40.0 <i>1.575</i>	1.8 / 3.0	7.0 <i>0.276</i>	1.0 / 1.2	51	34
# BSR2040SL	20.0 <i>0.787</i>	10.0 <i>0.394</i>	40.0 <i>1.575</i>	32 / 24	12.0 <i>0.472</i>	2.2 / 3.5	9.0 <i>0.354</i>	1.4 / 1.4	87	60
# BSR2050SL	20.0 <i>0.787</i>	10.0 <i>0.394</i>	50.0 <i>1.969</i>	32 / 34	22.0 <i>0.866</i>	2.2 / 3.5	9.0 <i>0.354</i>	1.4 / 1.4	87	60
# BSR2060SL	20.0 <i>0.787</i>	10.0 <i>0.394</i>	60.0 <i>2.362</i>	32 / 40	32.0 <i>1.260</i>	2.2 / 3.5	9.0 <i>0.354</i>	1.4 / 1.4	87	60
# BSR2070SL	20.0 <i>0.787</i>	10.0 <i>0.394</i>	70.0 <i>2.756</i>	32 / 45	42.0 <i>1.654</i>	2.2 / 3.5	9.0 <i>0.354</i>	1.4 / 1.4	87	60
# BSR2080SL	20.0 <i>0.787</i>	10.0 <i>0.394</i>	80.0 <i>3.150</i>	32 / 50	52.0 <i>2.047</i>	2.2 / 3.5	9.0 <i>0.354</i>	1.4 / 1.4	87	60

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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 / Top Thickness (t1/t2) mm	Basic Dynamic Load Rating kgf	Basic Static Load Rating kgf
# BSR2570SL	25.0 <i>0.984</i>	10.0 <i>0.394</i>	70.0 <i>2.756</i>	42 / 45	33.0 <i>1.299</i>	2.4 / 3.5	9.0 <i>0.354</i>	1.6 / 1.6	110	84
# BSR2580SL	25.0 <i>0.984</i>	10.0 <i>0.394</i>	80.0 <i>3.150</i>	42 / 50	43.0 <i>1.693</i>	2.4 / 3.5	9.0 <i>0.354</i>	1.6 / 1.6	110	84
# BSR25100SL	25.0 <i>0.984</i>	10.0 <i>0.394</i>	100.0 <i>3.937</i>	42 / 60	63.0 <i>2.480</i>	2.4 / 3.5	9.0 <i>0.354</i>	1.6 / 1.6	110	84

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