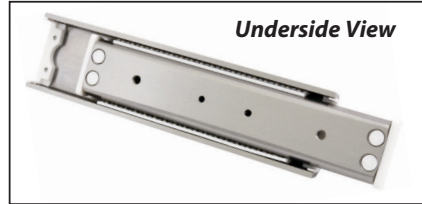
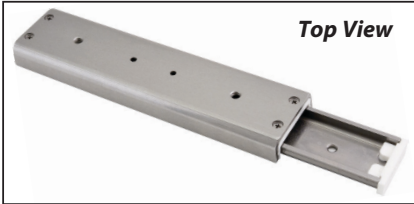


BSP-SL

LINEAR MOTION

Precision Linear Slide Units - Stainless

Non-Recirculating Ball Type - Limited Linear Motion



Part Number	Weight g	NOMINAL DIMENSIONS mm			Max. Stroke Length	DIMENSIONS OF TABLE mm				
		W	H	L		L1	M1	S1	h1	t1
BSP715SL*	2.10	7	4	15	9	5	M2	1.00	3.40	0.90
BSP720SL*	2.80	7	4	20	9	10	M2	1.00	3.40	0.90
BSP730SL*	4.20	7	4	30	18	20	M2	1.00	3.40	0.90
BSP740SL*	5.60	7	4	40	23	30	M2	1.00	3.40	0.90
BSP1025SL	6.20	10	6	25	15	15	M2.6	1.50	5.80	1.10
BSP1035SL	8.80	10	6	35	26	25	M2.6	1.50	5.80	1.10
BSP1045SL	11.30	10	6	45	38	35	M2.6	1.50	5.80	1.10
BSP1530SL	11.00	15	8	30	22	14	M3	2.50	7.00	1.20
BSP1540SL	14.70	15	8	40	24	24	M3	2.50	7.00	1.20
BSP1550SL	18.40	15	8	50	32	34	M3	2.50	7.00	1.20
BSP1560SL	22.10	15	8	60	40	40	M3	2.50	7.00	1.20
BSP2040SL	23.70	20	10	40	22	24	M3	3.20	9.00	1.40
BSP2050SL	29.70	20	10	50	28	34	M3	3.20	9.00	1.40
BSP2060SL	35.70	20	10	60	34	40	M3	3.20	9.00	1.40
BSP2070SL	41.70	20	10	70	40	45	M3	3.20	9.00	1.40
BSP2080SL	47.60	20	10	80	53	50	M3	3.20	9.00	1.40
BSP2550SL	37.60	25	10	50	26	34	M3	3.50	9.00	1.60
BSP2560SL	45.30	25	10	60	32	40	M3	3.50	9.00	1.60
BSP2570SL	52.90	25	10	70	40	45	M3	3.50	9.00	1.60
BSP2580SL	60.50	25	10	80	51	50	M3	3.50	9.00	1.60
BSP25100SL	75.80	25	10	100	63	60	M3	3.50	9.00	1.60

*BSP715SL ~ BSP740SL can not be mounted from inside of the table and bed.

Material

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

Performance

Max. Speed: 0.5 m/sec (30m/min) Temperature: +100°C (constant) +120°C (maximum)

Other Info.

The BSP 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. For the M2.6 holes, slightly smaller threads (M2.5) will fit. To obtain consistently high accuracy in operation, do not exceed 20% of the basic static load rating. To maximise the accuracy, centre the applied load over the table or bed. Allow enough additional stroke length to avoid reaching the maximum stroke length.



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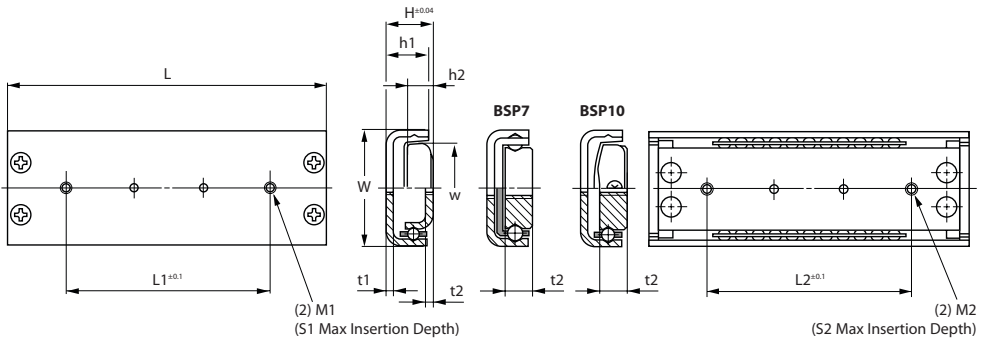
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Product information updated 22nd December 2011 and subject to change. Please contact Sales for the latest prices and availability.

LINEAR MOTION

Precision Linear Slide Units - Stainless Non-Recirculating Ball Type - Limited Linear Motion

BSP-SL



DIMENSIONS OF BED mm						Basic Dynamic Load Rating C N	Basic Static Load Rating Co N	Price Each
w	L2	M2	S2	h2	t2			
3.60	5	M2	2.00	-	2.00	80.6	41.8	£40.07
3.60	10	M2	2.00	-	2.00	115.0	69.6	£40.57
3.60	20	M2	2.00	-	2.00	146.0	97.5	£43.51
3.60	30	M2	2.00	-	2.00	174.0	125.0	£44.98
6.20	15	M2.6	2.70	3.70	2.70	293.0	155.0	£32.63
6.20	25	M2.6	2.70	3.70	2.70	342.0	193.0	£33.04
6.20	35	M2.6	2.70	3.70	2.70	389.0	232.0	£39.56
11.20	14	M3	3.00	4.50	1.20	339.0	193.0	£39.56
11.20	24	M3	3.00	4.50	1.20	471.0	309.0	£42.85
11.20	34	M3	3.00	4.50	1.20	551.0	387.0	£46.41
11.20	40	M3	3.00	4.50	1.20	626.0	464.0	£56.08
16.00	24	M3	3.50	6.20	1.40	623.0	384.0	£46.41
16.00	34	M3	3.50	6.20	1.40	743.0	493.0	£56.08
16.00	40	M3	3.50	6.20	1.40	855.0	603.0	£66.10
16.00	45	M3	3.50	6.20	1.40	961.0	713.0	£72.67
16.00	50	M3	3.50	6.20	1.40	1010.0	768.0	£79.15
20.50	34	M3	3.00	5.70	1.60	743.0	493.0	£56.08
20.50	40	M3	3.00	5.70	1.60	855.0	603.0	£79.21
20.50	45	M3	3.00	5.70	1.60	961.0	713.0	£86.01
20.50	50	M3	3.00	5.70	1.60	1010.0	768.0	£95.82
20.50	60	M3	3.00	5.70	1.60	1210.0	987.0	£108.21

Other Info. (continued)

A special composite resin retainer is used to capture the balls and eliminate noise caused by the balls contacting each other. Extremely smooth and light movement without stick slip in limited stroke length are characteristic of this type.

Unevenly applied loads and high fluctuating velocities may dislocate the position of the ball retainer. Therefore, it is recommended that the retainer is periodically repositioned to its proper location by cycling over its full length. Does not incorporate a mechanical stopper, so it is necessary to add a stopper mechanism to the surrounding equipment when excessive strokes are likely to occur. 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 and balls.

For temperatures over 100°C we can supply special high temperature grease (200°C - supplied in syringe) **CG2-SY - £31.80**



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