



RECIRCULATING BALL SLIDE GUIDES

SERIES	LOAD CAPACITY, LB.	TRAVEL	LENGTH	ACCURACY
BSGS5-BSG25	96-2205	.1-32	1.5-35	0.0008"
BSGS9W-BSG16W (67 MODELS) Stainless steel available	551-1587	2.0-24.0	3.0-26.0	0.0005"

The BSG type consists of a block and a guide rail, both having two R-shape raceway grooves machined by precision grinding. The block consists of a main body having raceway grooves and a resin return cap ensuring smooth circulation of balls. These precision steel balls roll in the respective raceway groove with contact at four points.

Since precision steel balls are used as rolling elements, the rolling resistance is extremely small, ensuring smooth and stable operation. The block is a simple structure, so the slide guide is compact and inexpensive. Its compactness and light weight also make this product optimum for linear operation at high speed.

The raceway surface over which the balls roll is an R-shaped groove, offering a large contact area. Therefore, the product features a large load capacity and a long effective life. The Gothic arch groove, where the balls contact the raceway surface at four points, enables the load and moment to be carried in all directions.

The BSGS type (400 Series) uses stainless steel for the block, ball bearing and guide rail, thus having superior corrosion resistance. Extra wide type (BSGW) is also available. With its increased number of rolling elements and increased width, this unit can replace the use of two linear guides. Stiffness in regard to moment load is increased, thus creating an effective compact linear motion mechanism.

Slide guides are supplied with temporary ends stops. They are not to be used as positive stops.

For more information on Del-Tron's Recirculating Ball Slide Guides, [click here](#).



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