

ST Miniature Stroke Slide Series



■ High load and high moment capacity

ST Miniature Stroke Slide series incorporate with the design of two rows of ball, The ball track has Gothic profile design with 45 degree contact angle to attain the effect of equal load capacity in all mono block provide more space for the larger rolling elements, such enhance the load and moment capacity.

■ Double side pair block plate design (Dual block plate design)

ST Miniature Stroke Slide series adopt pair block plate designing, both Rail and Block terminal surface sides all install block plates, can prevent linear guide from pass stroke situation effectively.

■ High running accuracy and smoothness

The steel balls of ST Miniature Stroke Slide series roll on the rail without recirculation; such brings an excellent running behavior, smoothness, low friction, and high accuracy. Without vibration.

■ Easy mounting

The mounting of the ST Miniature Stroke Slide series in all length can be fulfilled by fitting the fixing screw downward into the count bore of the rail by intersecting the bore pattern on the block and cage within a hole pitch movement of side. The one piece cage therefore does not influence the mounting of the rail.

The preload is preset by ball sorting.

■ Temperature

ST Miniature Stroke Slide series can stand the temperature up to 150°C. There are two options for higher temperature application:

T1 : 200°C

T2 : 300°C

Treated with higher temperature will reduce the load capacity.

■ Anti-corrosion feature

ST Miniature Stroke Slide series material use the quenched hardened process Stainless steel for the Rail, Block and Steel Balls. The block plate and screw is made by stainless steel also. Easy for maintenance and check.

Size(Model Code): ST7M . ST9M . ST12M . [\(more\)](#)

