

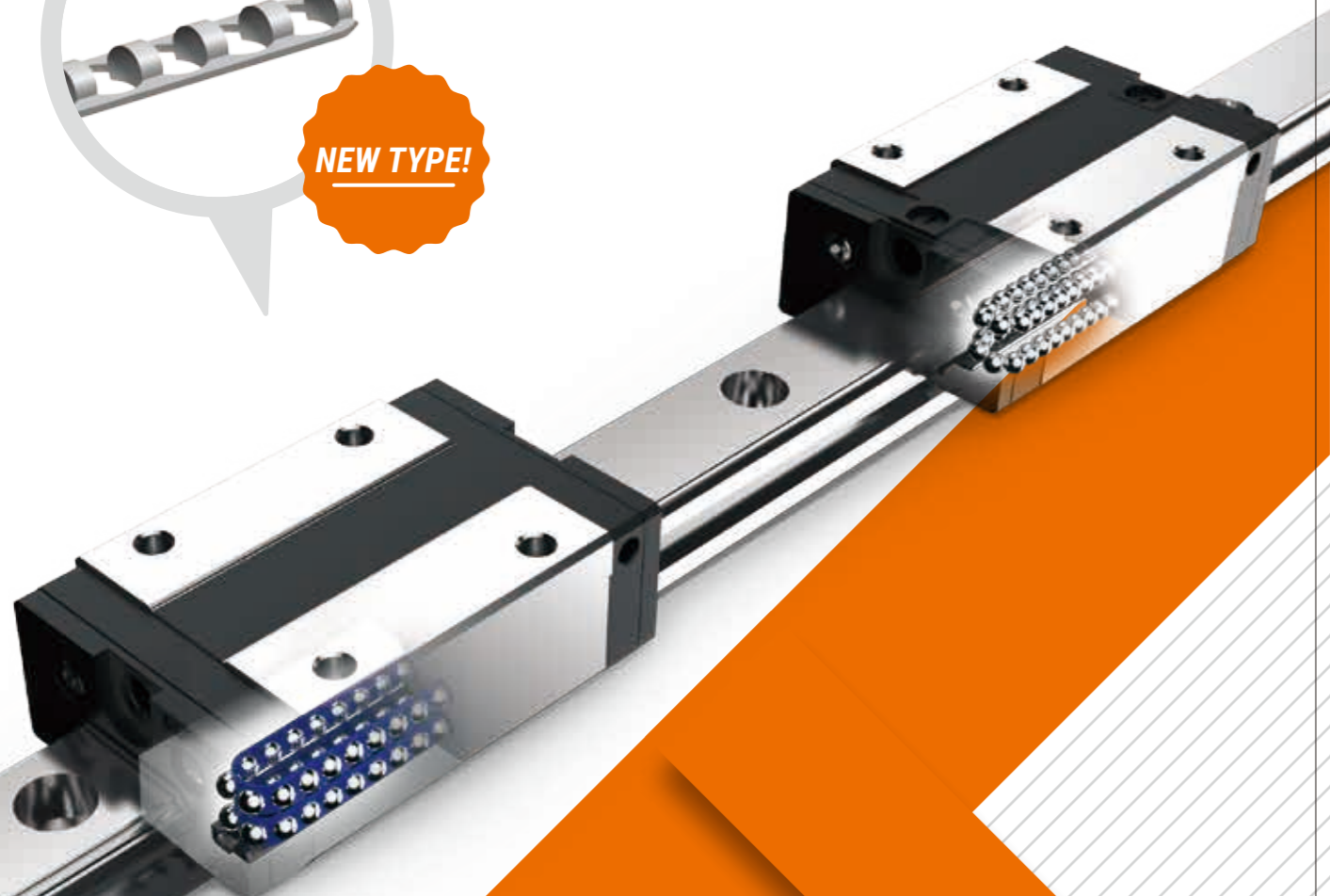
LINEAR GUIDEWAY

Ball Chain Compact Type SMB Series



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Characteristics

▶ MSB And SMB Use One Rail At The Same Time

MSB and SMB can be used simultaneously with the same slide and provides a variety of product selectivity.

▶ Strong Structure Ball Chain Design

New type ball chain belt strengthening the chain structure and arc storage tank design, it can effectively extend chain lifespan and maintain steel ball lubrication effect longer.

▶ Low Noise, Good Lubricant Effect

The ball chain design avoids collision, lowers the operating noise and effectively provide the lubricant of balls and chains. The superior effect of lubrication improves the overall device's movement and service life, also meets high precision, high reliability and smooth & stable movement requirement.

▶ Compact, Four-Way Equal Load

Compact design of the carriage with the four trains of balls are allocated to a circular contact angle at 45°, thus each train of balls can take up an equal rated load in all four directions. Moreover, sufficient preload can be achieved to increase rigidity, and this makes it suitable for any kind of installation.

▶ Self Alignment Capability

With self alignment capability, it can absorb the installation error. The self adjustment is performed spontaneously as the design of face-to-face (DF) circular arc groove. Therefore, the installation error could be compensated even under a preload, which results in precise and smooth linear motion.

▶ High Precision And High Stability. Suit For High Speed Machine Tools

The ball chain with strengthened synthetic resin of accessory can avoid collision between balls and keep the ball making linear motion in the same direction, improve the movement and apply to higher speed equipment.

Application

Machine Center / NC Lathe / XYZ Axes of Heavy Cutting Machine Tools / Grinding Head Feeding Axis of Grinding Machines / Milling Machine / Z Axis of Boring Machine and Machine Tools / EDM / Z Axis of Industrial Machine / Measuring Equipment / Precision XY Table / Welding Machine / Binding Machine / Auto Packing Machine

