

CleanMotion Linear Axis

with patented sealing system



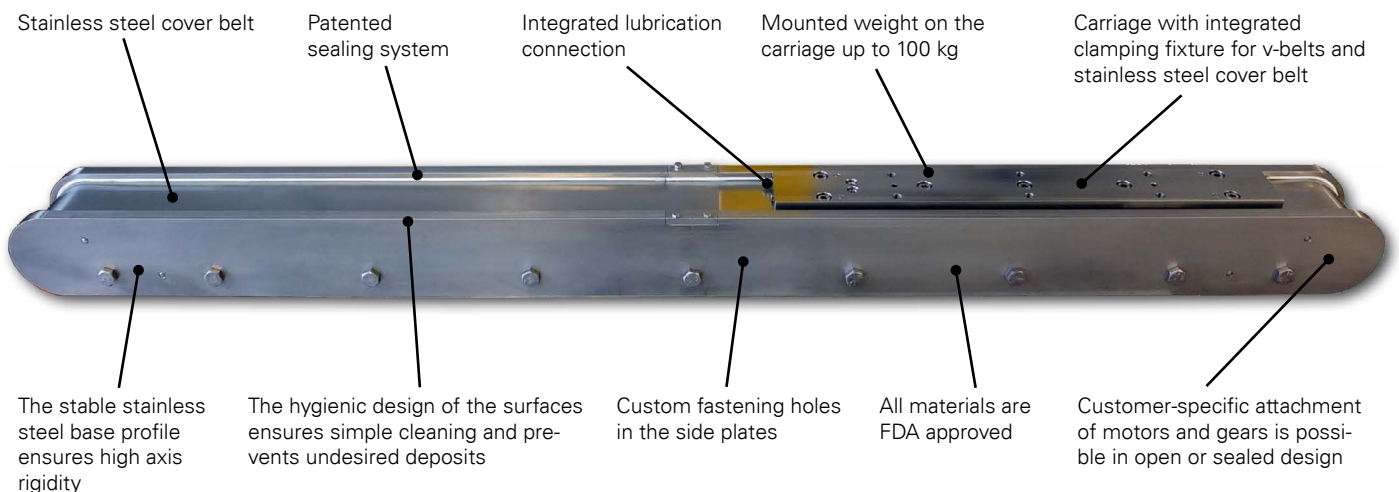
Overview

The CleanMotion linear axis is protected by its encapsulated design against intrusion of dust and liquids. Through the special sealing system and resulting hygienic design, the linear axis is excellently suited to food, medicine and clean room applications.

The unique design of the sealing system unifies two functionalities. The penetration of liquids and particles into the linear axis is effectively prevented from the outside. Also, particles or materials cannot escape from the inside of the axis into the environment.

Technical data

- Travel distance up to 2600 mm
- Moving speed up to 6 m/s
- Repeatability ± 0.1 mm
- Environmental temperature -10 °C up to $+60$ °C
- Up to 2 carriages
- Mounted weight up to 100 kg
- Arbitrary integration position
- Material: Stainless steel (1.4301 or 1.4571)
- CA connection (max. overpressure 0.5 bar)



Versatile for many areas of application

