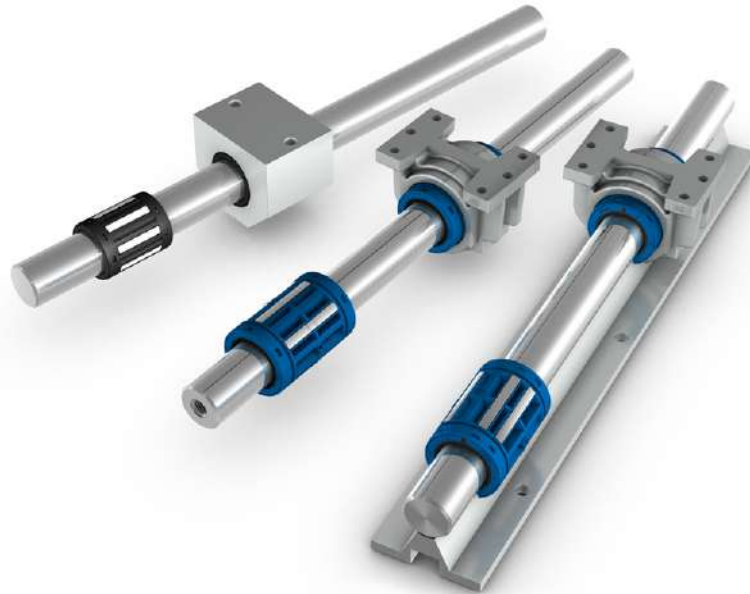


## WHY EWELLIX

# Linear ball bearings

Maximum flexibility and ease of use



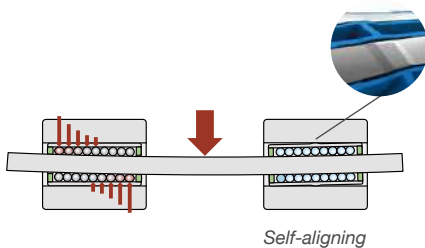
### Ewellix linear ball bearings are designed for unlimited stroke applications

Ewellix offers two different linear ball bearing ranges, the compact and the standard range. Where the compact bearing fits best in applications with limited space, the standard range is optimised for higher load ratings.

They are widely used in a variety of easy to implement linear guide systems.

The wide range of diameters combined with the different types of bearings, housings and shafts make it easy to use and assemble supporting a variety of applications.

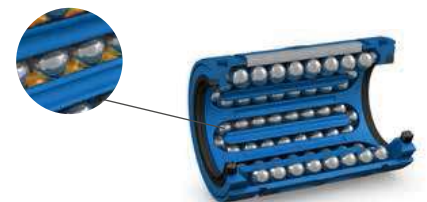
## Benefits



Self-aligning



Double lip seals in heavy-duty elastomer



### Self-aligning capability

Allows the whole bearing to accommodate misalignment of  $\pm 30$  minutes of arc.

### Perfect sealing function

This perfectly fitted seal safely keeps contamination out and grease inside the linear bearing.

### Factory pre-lubrication

Ready to install and environmentally friendly as only the necessary amount for initial greasing is applied.

## Ideal applications



### Road Roller - Construction equipment

#### Why Ewellix linear ball bearings:

- Low friction and smooth running for manual adjustment
- Linear ball bearings compensate tolerances of surrounding
- Excellent sealing function for long service life
- Low maintenance with pre-lubricated bearings



### Stretcher table adjustment - Medical industry

#### Why Ewellix linear ball bearings:

- Low friction for easy displacement by the ambulance staff
- Excellent sealing functionality for long service life
- Maintenance free
- Fixation of shafts with lowest design effort, just axial threads



### Leg press machine - Fitness equipment

#### Why Ewellix linear ball bearings:

- Minimized friction with high quality linear ball bearings
- Low noise due to optimized ball recirculations
- Smooth motion even with misaligned shafts thanks to self-aligning capability
- Chrome plated shafts for corrosion



### Train doors - Public transportation

#### Why Ewellix linear ball bearings:

- Long service life even in harsh environment
- Excellent sealing performance fits rough conditions
- Ewellix linear bearings fulfill EN 45545-2 railway requirement



### Knitting machine - Textile machinery

#### Why Ewellix linear ball bearings:

- Precise and smooth running performance
- No maintenance due to fit-for-life lubrication
- Stick-slip free motion thanks to customized low friction seals
- Shaft surfaces protected by hard chrome plating



### Filling station - Food & beverage

#### Why Ewellix linear ball bearings:

- Extremely good sealing performance with round shaft
- Corrosion resistance by using stainless steel bearings
- Customized grease options for food industry
- 24/7 operation thanks to high performing bearings