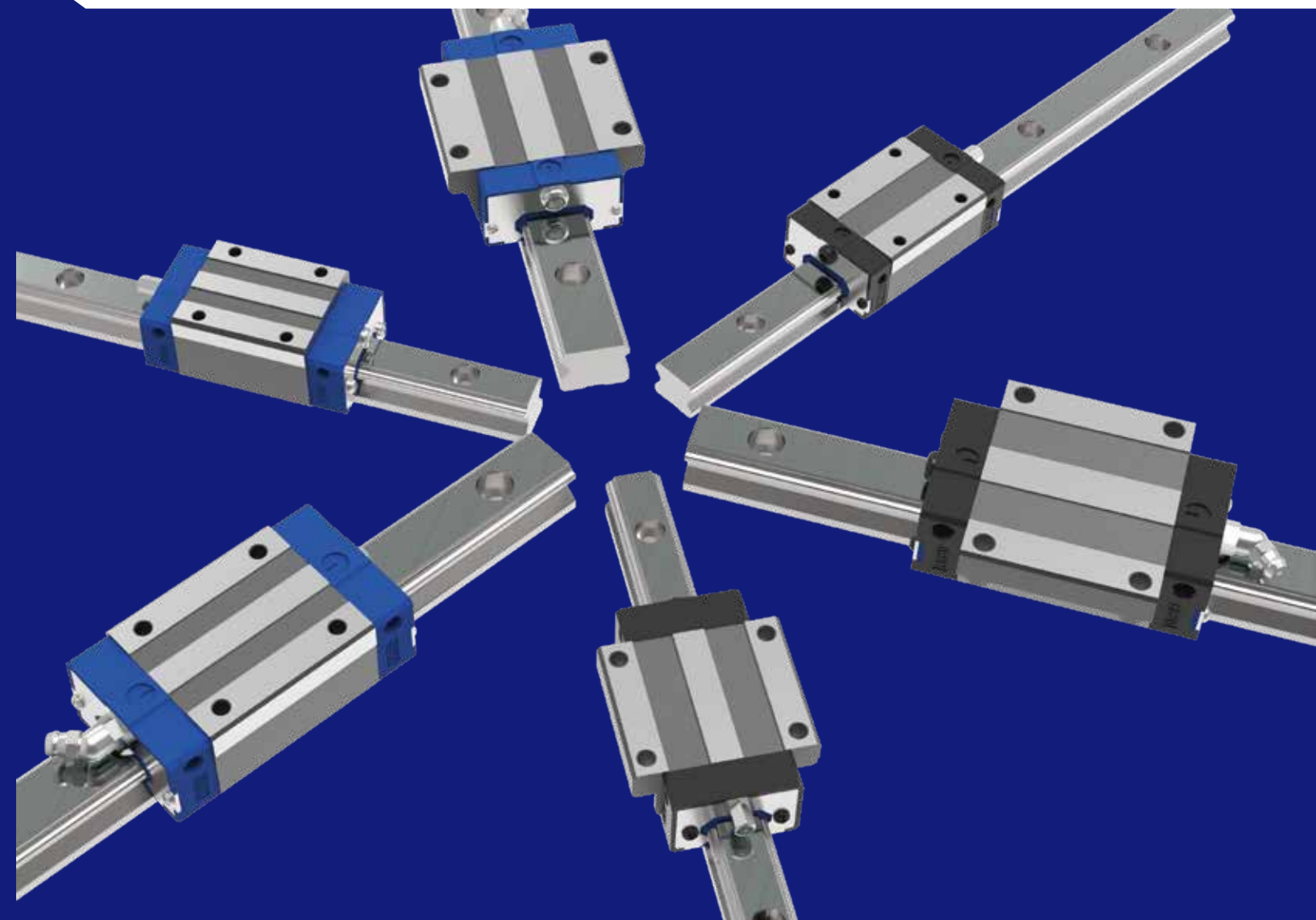




Specializing in the production of linear guide systems



■ Stainless steel linear guide rail



Expert in linear guide systems  
Provide you with professional solutions

# Professional production Linear guide rail system

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# ABOUT JINSHANMEN



As a professional company in the field of linear guide slide, Zhejiang JINSHANMEN Transmission Technology Co., Ltd. has been committed to providing customers with high quality and high performance linear guide slide products since its establishment. With years of technological accumulation and innovative development, our products have been widely used in automation equipment, precision instruments, CNC machine tools and other fields, well received by customers.

Our linear sliders have excellent load bearing capacity, high rigidity and low coefficient of friction to provide stable, accurate linear motion for our customers' equipment. In order to ensure product quality, we have adopted advanced production technology and strict quality control system to ensure that every product can meet the needs of customers.

In addition to providing high quality products, we also focus on providing customers with perfect pre-sale, sale and after-sales service. Our professional team will provide you with selection advice, technical support and solutions to ensure you get the best experience during use.

In the future, we will continue to adhere to the "customer first, quality first" business philosophy, and constantly innovate and improve the product line to meet the growing needs of customers. We look forward to working with you to create a better future!

## EXQUISITE CRAFTSMANSHIP AND INTELLIGENT MANUFACTURING

We provide innovative design solutions for the special needs of our customers, and new solutions come from innovative thinking.

We persistently develop more advanced connections for our customers.

## SITE DISPLAY



SAFETY-ORIENTED  
PRODUCTION



STRICTLY IMPLEMENT  
STANDARD QUALITY CONTROL



CONTINUOUSLY IMPROVED  
PRODUCTION SYSTEM



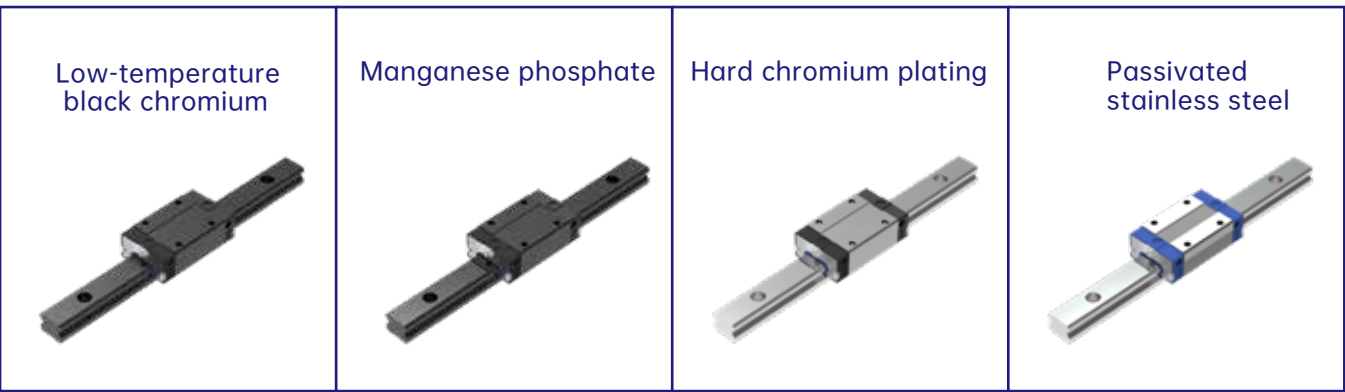
AT THE FOREFRONT OF THE INDUSTRY, CREATING VALUE AND  
UNLIMITED POSSIBILITIES ABOVE CUSTOMER NEEDS.



2-5 Anti-corrosion series



2-5-1 Surface-treated linear guide rails



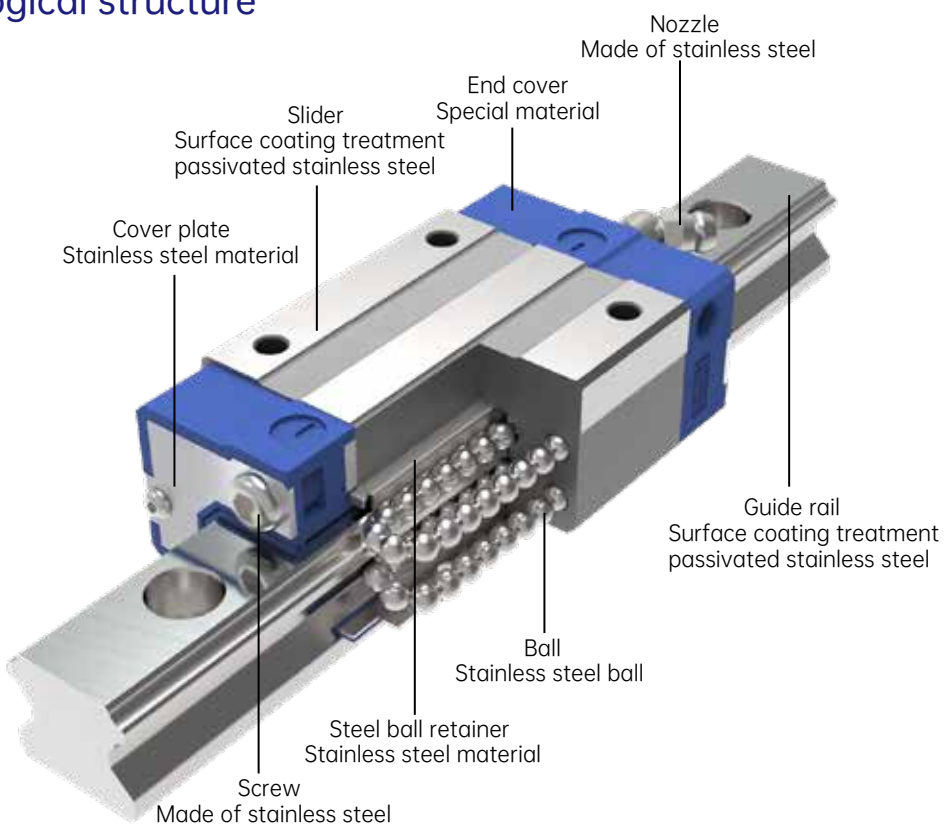
2-5-2 Product Features

- Enhance the corrosion resistance without affecting the accuracy of the linear guide rail or changing its appearance.

2-5-3 Applicable field

- Chemical industry, automation industry, testing and experimental environment, foggy or humid environment

2-5-4 Ontological structure



- Anti-corrosion system: Surface-coated guide rails, surface-coated sliders, stainless steel nozzles, stainless steel balls, stainless steel retainers
- Surface treatment models: Compatible with sizes 15,20,25,30,35, and 45

2-5-5 Features of stainless steel linear guide rails

- The same characteristics as standard linear guides  
Rigidity, hardness, service life and size remain unchanged
- It is applicable to specific extreme environments  
It can be used in conjunction with metal parts and is suitable for both low vacuum and medium vacuum environments
- Extremely strong corrosion resistance  
The slider, guide rail, steel ball, grease nozzle, screw and steel ball retainer are all made of stainless steel

note: 1. Currently, we can provide HB15 to HB35 and EB15 to EB25  
2. The maximum length of the guide rail can reach 4000mm  
3. Add "S" after the specification of the linear guide rail  
For example: HBW25CA2R1600ZAPS

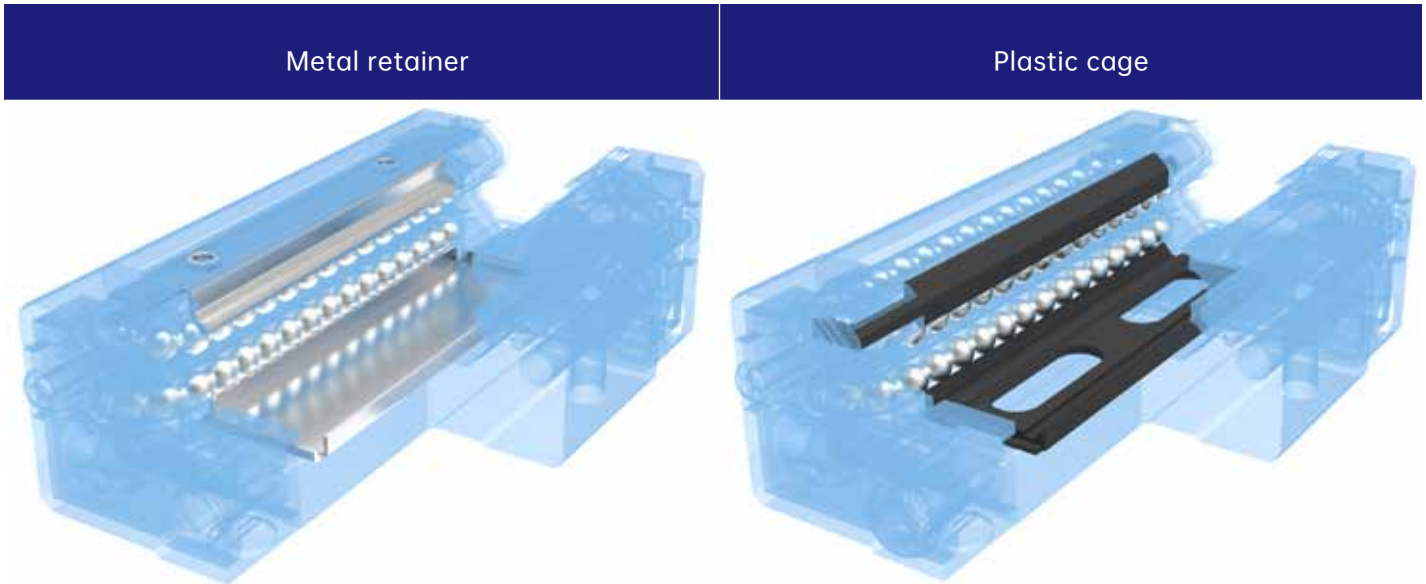
2-5-6 Applicable field

- Medical equipment, food and beverage processing, semiconductor manufacturing, chemical industry

2-5-7 Chemical composition

| Brand number | Chemical composition (mass fraction)/% |           |           |       |       |       |       |           |           |
|--------------|----------------------------------------|-----------|-----------|-------|-------|-------|-------|-----------|-----------|
|              | C                                      | Si        | Mn        | P     | S     | Cu    | Ni    | Cr        | Mo        |
| SCM440       | 0.38-0.43                              | 0.15-0.35 | 0.60-0.85 | ≤0.03 | ≤0.03 | ≤0.30 | ≤0.25 | 0.90-1.20 | 0.15-0.30 |

2-5-8 Ontological structure differences



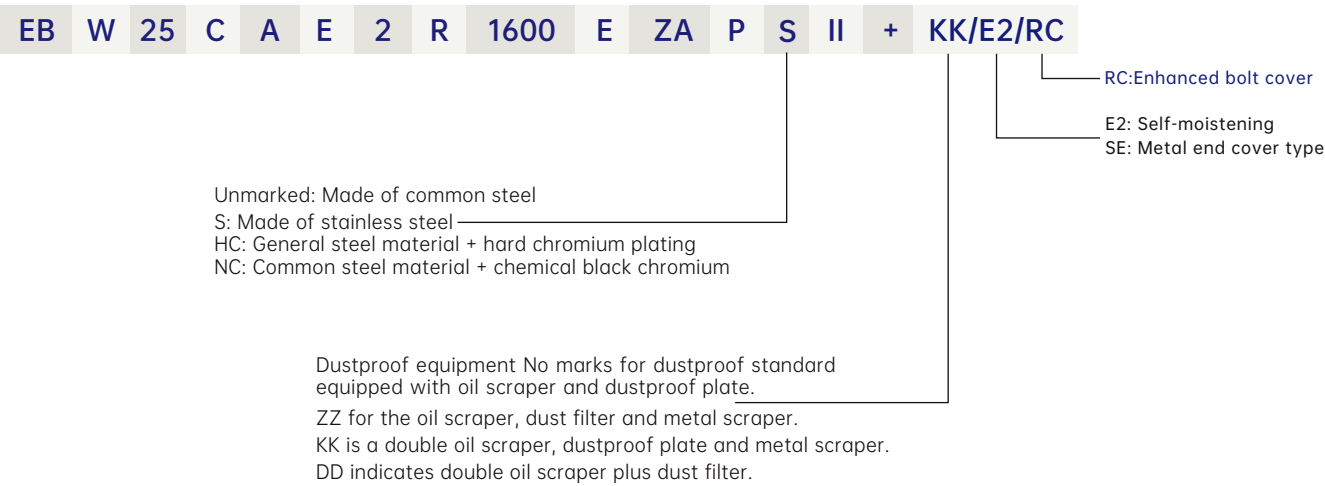
- Anti-corrosion system: Stainless steel guide rails, stainless steel sliders, stainless steel nozzles, stainless steel balls, stainless steel retainers
- Stainless steel model: Suitable for HB15 to HB35, EB15 to EB25 sizes

2-5 Anti-corrosion series



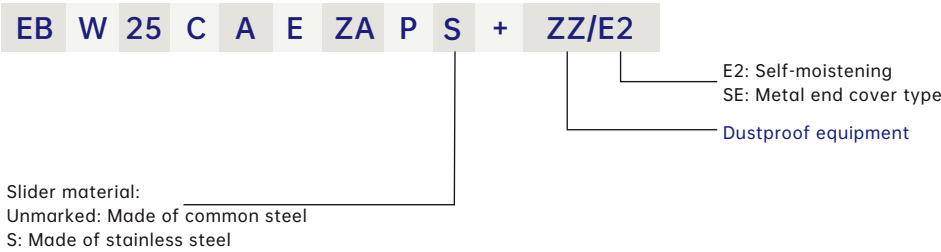
2-5-7 Specifications and models of anti-corrosion series products

(1)Non-interchangeable linear guide model

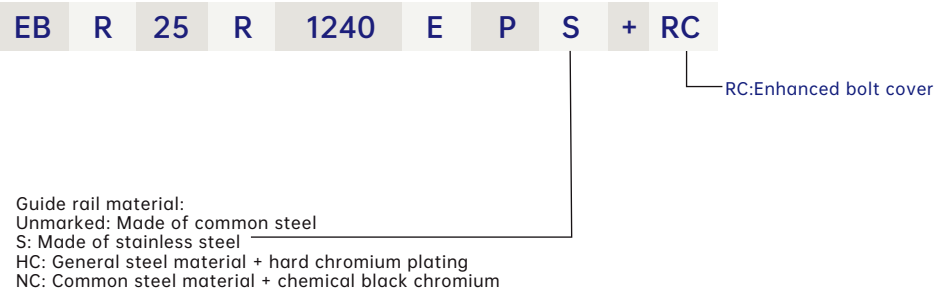


(2)Interchangeable linear guide rail product models

Interchangeable slider product model



Interchangeable linear guide rail product models



2-5-8 Salt spray test

|                                | 24h | 96h |
|--------------------------------|-----|-----|
| Stainless steel                |     |     |
| Low-temperature black chromium |     |     |
| Hard chromium plating          |     |     |
| High carbon steel              |     |     |

| Project                 | Narrative          |
|-------------------------|--------------------|
| Spray liquid            | 5%NaCl solutiou    |
| Laboratory temperature  | 35°C±2°C           |
| Compressed air pressure | 1kg/cm²            |
| Spray volume            | 1.0~2.0ml/80cm²/hr |
| Relative humidity       | 95%~98%            |

note: The experiment was conducted in accordance with ISO9227:1990 "Corrosion Test in Artificial Atmosphere - Salt Spray Test".

2-5 Anti-corrosion series



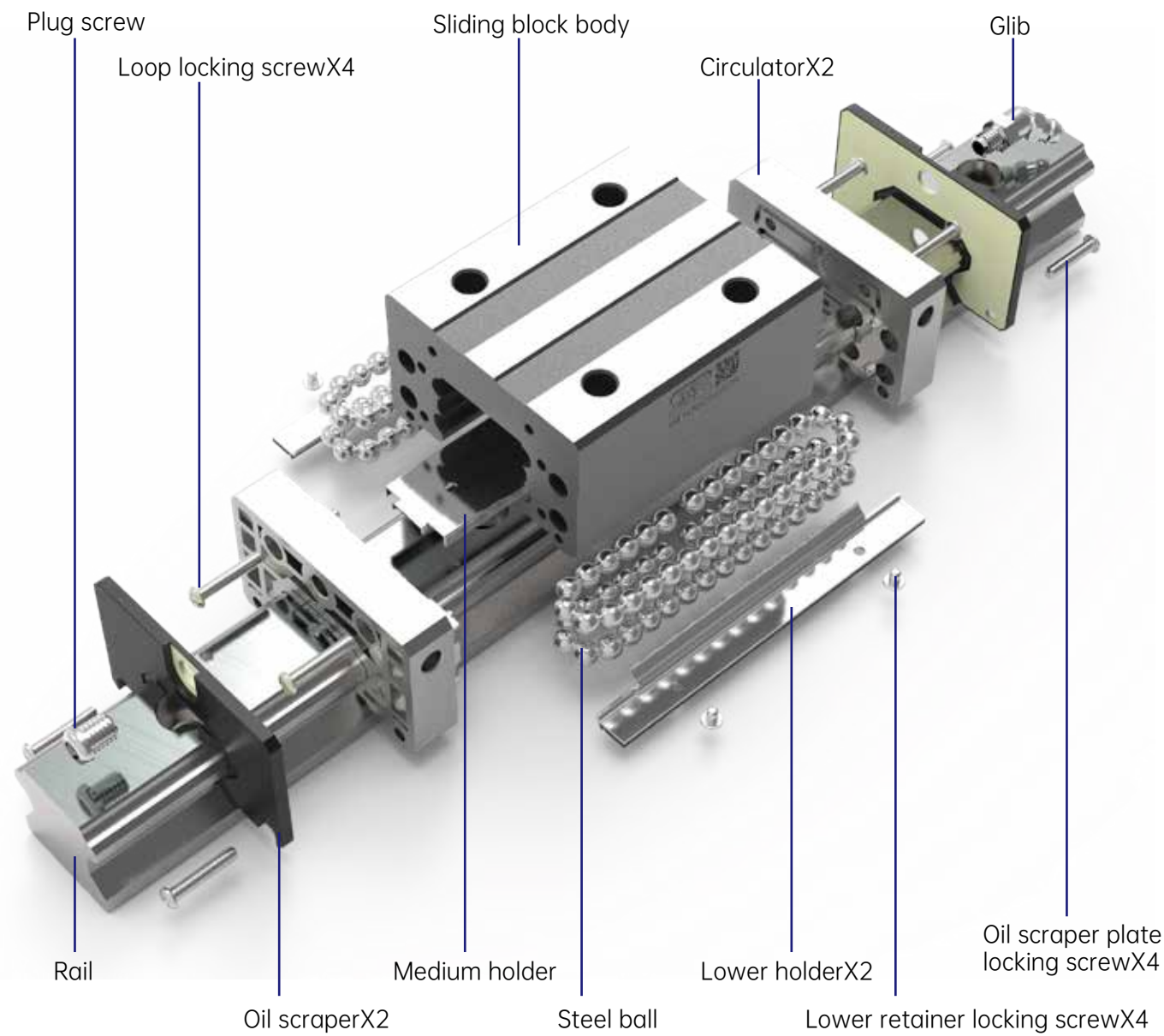
2-5-9 Characteristics of metal end cover type linear guide rails

- 1.All accessories are made of metal parts  
(if an oil scraper is needed, high-temperature resistant rubber material can be selected).
- 2. It can withstand high temperatures, with a heat resistance temperature of nearly 150°C.

note: 1. Currently, we can provide HB15 to HB35 and EB15 to EB35  
2. The maximum length of the guide rail can reach 4000mm  
3. Add "SE" after the specification of the linear guide rail  
For example: HBW25CA2R1600ZAPSE

2-5-10 Applicable field

- Semiconductor manufacturing equipment such as diffusion furnaces and welding machines.
- Heat treatment equipment.
- Vacuum environment application (no gas release from plastic, rubber and other products).



iii. Selection Requirements Table



|                                                 |                                                                                                                                                                                                                                                         |             |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Customer:                                       |                                                                                                                                                                                                                                                         | Date:       |
| Tel.                                            | Fax.                                                                                                                                                                                                                                                    | Confirm by: |
| Machine Type:                                   |                                                                                                                                                                                                                                                         | Drawing No. |
| Axis                                            | <input type="checkbox"/> X <input type="checkbox"/> Y <input type="checkbox"/> Z <input type="checkbox"/> Other(                      )                                                                                                                 |             |
| Install Position                                |                                                                                                                                                                                                                                                         |             |
| Model No.                                       |                                                                                                                                                                                                                                                         |             |
| Rail Mounting                                   | <input type="checkbox"/> R (from top) <input type="checkbox"/> T (from bottom) <input type="checkbox"/> U (from top with bolt hole enlarged)                                                                                                            |             |
| Dust Protection                                 | <input type="checkbox"/> Double end seal + Bottom seal (DD) <input type="checkbox"/> Double end seal + Scraper + Bottom seal (KK)<br><input type="checkbox"/> End seal + Scraper + Bottom seal (ZZ) <input type="checkbox"/> End seal + Bottom seal (U) |             |
| Special Option                                  | <input type="checkbox"/> Steel end cap (SE) <input type="checkbox"/> Self Lubrication(E2)                                                                                                                                                               |             |
| Lubrication                                     | <input type="checkbox"/> Grease nipple (Grease) <input type="checkbox"/> Piping joint (Oil) <input type="checkbox"/> Other                                                                                                                              |             |
| Butt-joint                                      | <input type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                |             |
| No. of Rail Per Axis                            | <input type="checkbox"/> I (1) <input type="checkbox"/> II (2) <input type="checkbox"/> III (3) <input type="checkbox"/> Other                                                                                                                          |             |
| Reference Surface and Grease Nipple Orientation | <p>Please mark "X "in the <input type="checkbox"/> to indicate the grease nipple orientation</p> <p><input type="checkbox"/> E1 <input type="checkbox"/> E2 <input type="checkbox"/> E3 <input type="checkbox"/> E4</p>                                 |             |