

SMT

SH series
Stainless Ball Bearing
with Aligning Ring



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Addition of aligning function to standard stainless ball bearings can allow them to require less maintenance by allowing the flexure of large roller, together with corrosion resistance of stainless steel.

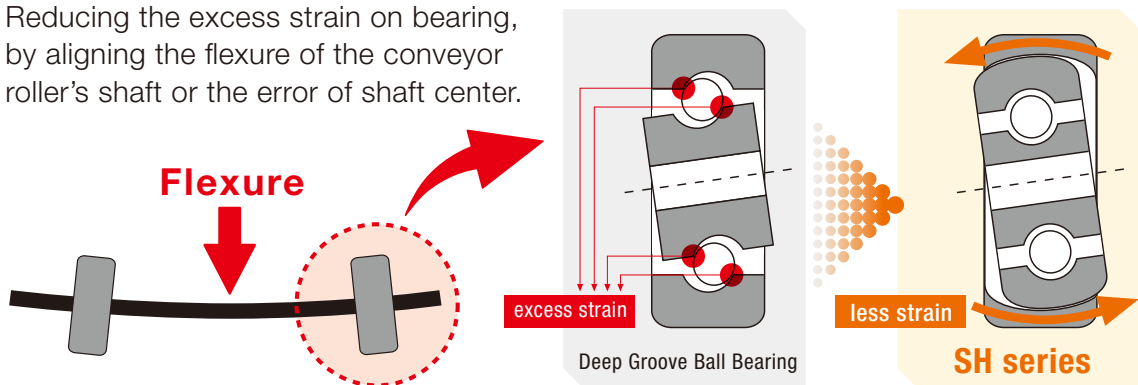
Features

1. Corrosion Resistance

Made of AISI440C stainless steel, and suitable in corrosive environment, in clean room and for food machinery.

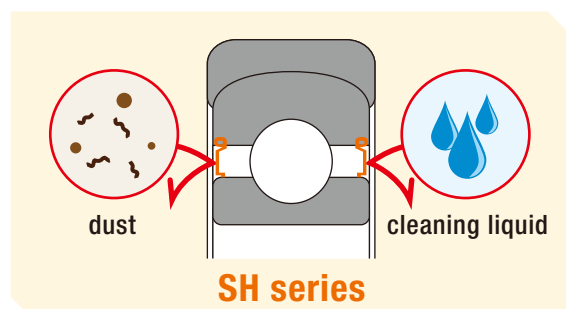
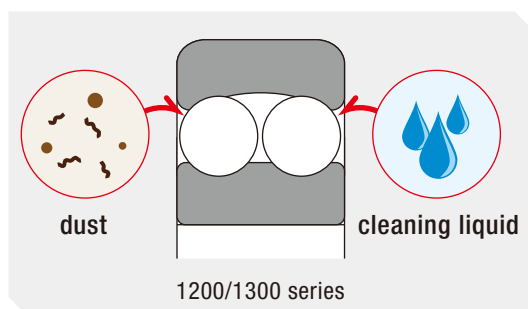
2. Aligning Function

Reducing the excess strain on bearing, by aligning the flexure of the conveyor roller's shaft or the error of shaft center.



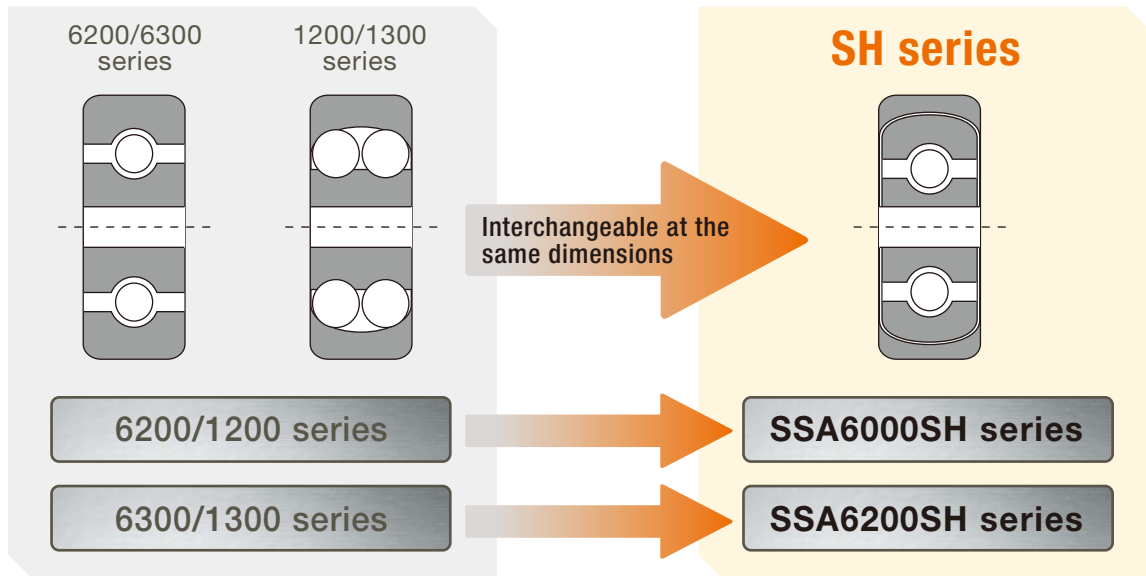
3. Dust Resistance

Available with seals and shields, and suitable in dusty or watery environment.



4. Interchangeability

Interchangeable to 6200, 6300, 1200 and 1300 series bearings.
The dimensions are the same, except the width of the bearing inside.



5. Other

The SH series bearings have more advantages than the standard self-aligning bearings made of SAE52100 steel.

		Radial load	Axial load	Combined load	High speed	Dust resistance	Low noise/ Low torque	Corrosion resistance
SH series		○	○	○	○	○	○	○
Existing Products		○	△	△	△	×	—	×

Application

Roller for chemical film conveyor, clean room application, food machinery, glass substrate conveyor, cleaning system, papermaking machine, printing machine, etc.

Specials

The SH series bearings are available with special lubricants like **H1 grade food grease**, **low-emission grease**, **fluorine grease** or **solid lubricant** for vacuum condition, and **ceramic balls** and **fluoresin seals** can be used upon request.

The **SH series** bearings are also available in the combination with our standard stainless bearings:

6S series made of AISI304 stainless steel,
4S series made of AISI630 stainless steel, and
SS XC series with set screws.



