

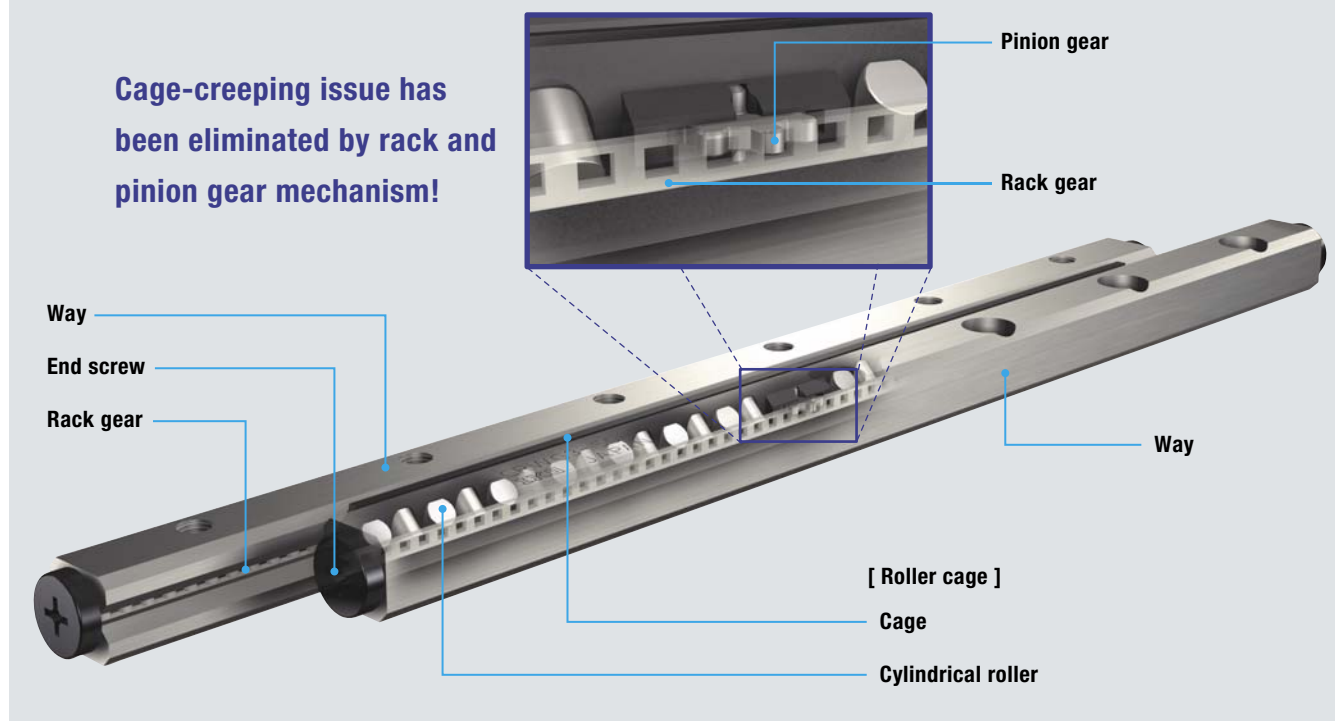
CAT-57181 Anti-Creep Cage Crossed Roller Way H
CRWG...H (Size 3 and 4)



High load capacity type is debut!

CRWG...H series is a linear motion rolling guide structures that cylinder rollers are built between two ways with V-shaped raceway grooves, which are two planes. Due to rack and pinion gear mechanism, cage-creep cannot be occurred. Also, extremely highly accurate and smooth linear motion can be performed while receiving all directions load. Moreover, great load ratings have been achieved by thoroughly reviewing of specification of the contacting area in raceways comparing with the former type.

Structure of CRWG...H

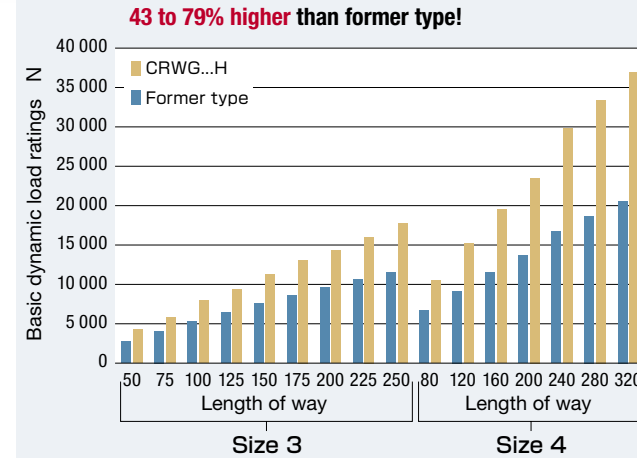


Features

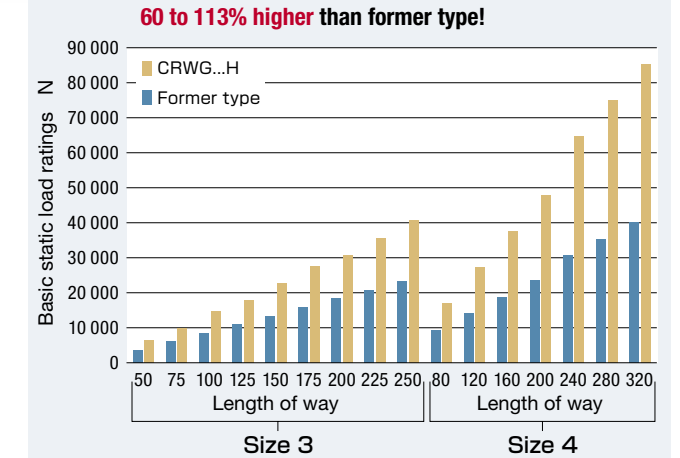
1 Upgrading of load capacity and rigidity on your machine!

Great load ratings have been achieved by thoroughly reviewing of specification of the contacting area in raceways against the former type.

Comparison of basic dynamic load ratings



Comparison of basic static load ratings



2 Cage-creeping issue terminated perfectly!

Original structure of built-in rack and pinion gear mechanism has terminated cage-creeping issue.

Freedom in mounting

Usable safely even for applications such as a vertical axis that a former type was hard to be adopted.

High-speed and high-tact operation

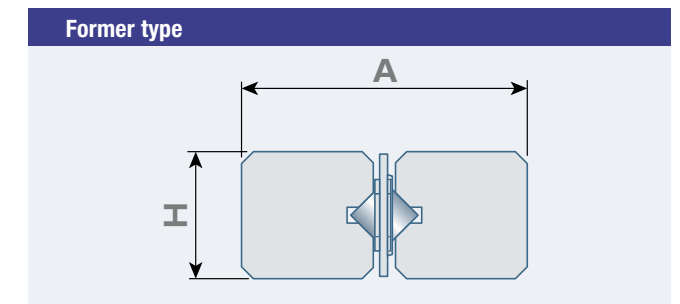
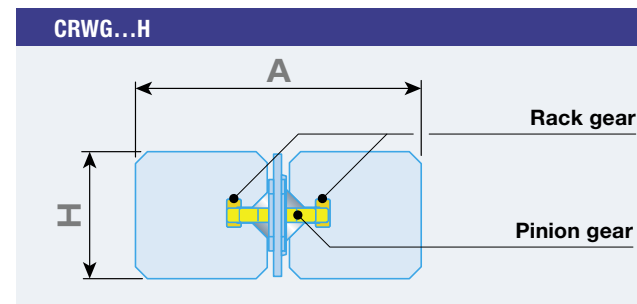
Cage creeping issue cannot be occurred even in increasing operating speed.

Operation saving energy

Any corrective operation for cage creep is not necessary even for a long time operation.

3 Interchangeable in dimensions!

The same external dimensions as on former type make easier to be replaced without any modification.



4 Smooth and accurate operation!

Combination of precisely finished raceways and non-recirculating cages with super high precision rollers provides superbly smooth motion with very high accuracy.

Improved running accuracy

Extremely high running accuracy can be achieved without run-out by recirculating of rolling element.

Suitable for step positioning

Improvement of precision positioning accuracy and superior corresponding feature to step positioning command can be expected because of the linear motion without stick-slip by extremely small frictional resistance.