



## INNOVATION SNQ ROLLER BEARINGS

### INNOVATIONS IN DESIGN Split Cylindrical Roller Bearing Technology

Timken® Revolvo Split Cylindrical Roller Bearing technology has been designed to offer end-users the very best in terms of reliability and performance, while removing the usual drawback of extended downtime that is often associated with the installation and maintenance of bearings in the most demanding industrial environments.

The new SNQuick (SNQ) range takes these benefits to new levels, thanks to its angled support pedestal which allows initial installation of the support pedestal without re-positioning or lifting the shafts - therefore no disconnecting the drive - even in areas with extremely limited access.

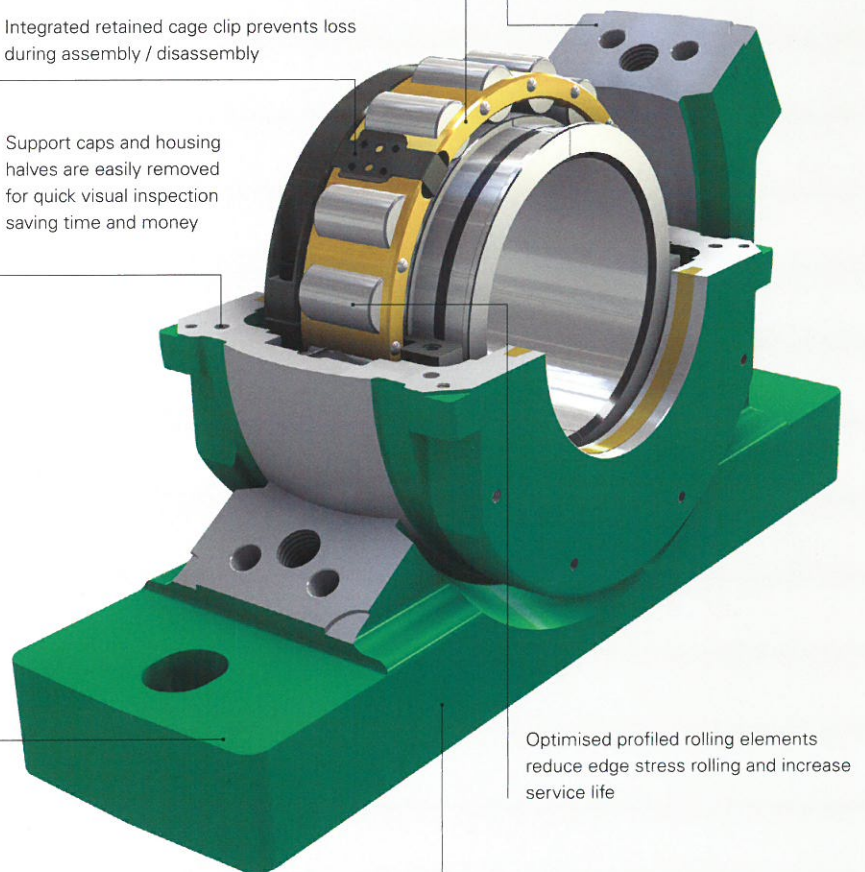
### SNQ: Technical Features

Sturdy precision machined brass cage proven to improve reliability and prolong service life

Integrated retained cage clip prevents loss during assembly / disassembly

Support caps and housing halves are easily removed for quick visual inspection saving time and money

The angled split allows the bearing support pedestal to slide into position without lifting the shaft height



Optimised profiled rolling elements reduce edge stress rolling and increase service life

Robust HT250 cast iron maximises durability, toughness and strength

Support pedestal fits to the footprint of standard SN/SNL and SD bearing units, eliminating re-engineering costs

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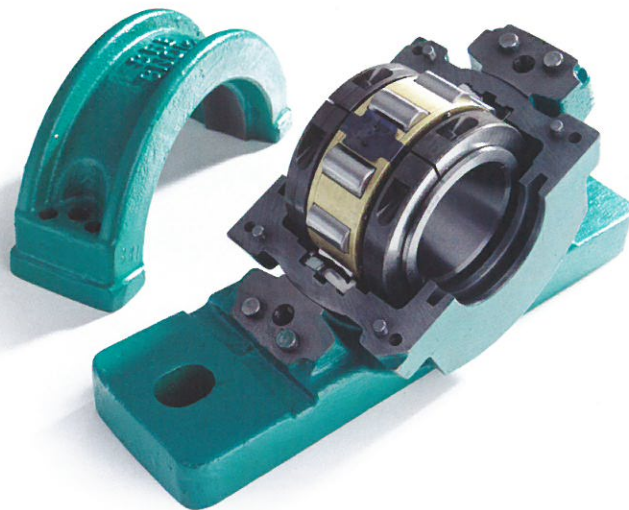
## INNOVATION IN SERVICE

### SNQ: Design Benefits

The SNQ has been designed to offer end-users the traditional advantages of Split Cylindrical Roller Bearing technology but new and improved.

In applications where there is extremely limited access it may still be necessary to remove the drive and lift the shaft in order to fit the support pedestal of a split bearing in place. The SNQ's slanted design removes this obstacle, further reducing installation time by as much as 90%.

Revolvo's design engineers have strengthened the base of the support base (constructed from HT250 cast iron) so that the inclined construction does not compromise the strength characteristics. However, and more importantly they still maintain complete interchangeability with SN/SNL and SD units that the Revolvo Split Cylindrical Roller Bearing range is known for and introduced first to the marketplace.



With no requirement to remove the drive or lift the shaft during installation, it is possible for just one person to fit the bearing, which dramatically reduces the time taken to fit, resulting in substantial cost savings.

The split to the shaft design allows for quick and simple inspection and maintenance whilst installed, in addition, concentric seals perform effectively in harsh environments which makes it possible to extend operational life

beyond the capabilities of competitors designs.

The SNQ range is available for shaft diameters up to 6" (150mm) in both metric and imperial sizes. Other sizes up to 300mm are available on request.

## SNQ: Total Cost of Ownership

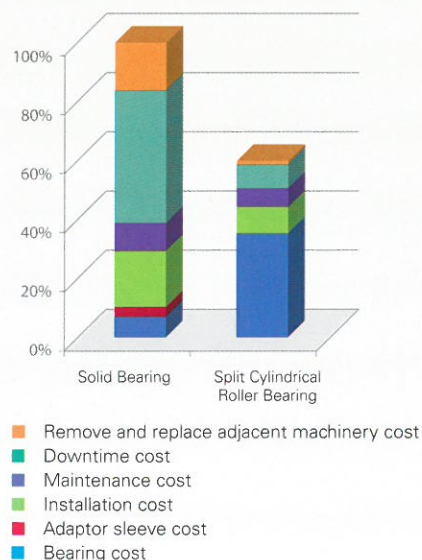
The whole life cost of a Split Cylindrical Roller Bearing SNQ is an extremely competitive solution when compared to conventional designs.

The increased price of a Split Cylindrical Roller Bearing SNQ is more than offset by the savings made during installation and the ongoing reduced cost of maintenance during its service life.

During their operational life SNQs are shown to reduce maintenance requirements and unplanned downtime by up to 90%.

These savings are achievable across all industrial applications, making the Total Cost of Ownership of an SNQ bearing far lower than other designs.

Total Cost of Ownership



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