

SNR Premier: Enters
a new dimension of
standard bearings

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Industry





SNR Premier standard bearings: an assured value

The 4 keys of the Premier approach

To become « Premier », our standard bearings must meet strict requirements in 4 fields which determine their reliability and their life.

A standard bearing also deserves high performance

Often invisible, the bearing is however fundamental: its failure can be very detrimental, causing very expensive downtime in production. The security of an installation often rests on « simple » standard bearings. Bearing selection must therefore be carefully considered by seeking the best quality-price ratio rather than the lowest cost.

How do you distinguish between a reliable standard product and an average bearing?

The establishment of the Premier range will make it possible for each user to answer this question. By taking this quality route, SNR assures the end-user maximum bearing life: proposing Premier as it's standard offer at no additional price, optimized products providing the highest levels of performance.

With Premier, the standard moves to a new « dimension » and your productivity advances.



• Steel

A thorough control of steel: less wear, less damage, more stability at high temperature

SNR commits to a total traceability in this field: for each bearing, it is possible to know the steel origin, down to the casting reference number of the bars used, and this in the whole world. The steel has high inclusion cleanliness along with heat and surface treatments carried out under a controlled atmosphere for better homogeneity.

For these reasons, failures due to steel are extremely rare with SNR « standards ».



• Bearing Finish

When « Premier » means consistency

Thanks to a system of quality assurance in production and to continuous improvement activity on machines and processes, the finish of Premier bearings reach levels of regularity seldom obtained.

Indeed, our products strictly answer the defined tolerances. All this is complemented by very advanced metrology equipment.





- **Design**
Compactness and load capacity,
the result of SNR experience

Without an increase in size, the Premier bearings can reach a far greater load capacity. This is the result of a detailed understanding of the internal geometry and of the forces present inside the bearing itself.

Concrete result: reduced costs for an equivalent performance, reduction of machine dimensions, and increased longevity.

- **Sealing, lubrication**
Important elements
in the design

Faults in sealing and lubrication very often contribute to the failure of bearings, in particular in industries subjected to pollution or humid environments. With a minimized friction torque and an internal geometry optimized to obtain an efficient lubrication, Premier bearings operate better at higher speeds, due to the reduction in friction and increased durability.

Testing: SNR's in a position to achieve quality.

Without an adequate test procedure, the quality of standard bearings remains uncertain. Tens of years of experience and our close connections with users are invaluable; indeed, they make it possible to complement theoretical results by taking into account the constraints actually undergone by the bearings. Thus, while integrating the procedures defined by the main international standards, the Premier system reflects the concrete expectations of the users.



Specific packaging, secured label: the guarantee of origin

The « Premier » brand name is clearly visible on the packaging created for the launching of the range. The bearing itself bears a specific marking. In addition, to fight against counterfeits, all SNR standard bearings benefit from a new holographic label comprising several safety levels.

These multiple identifications express the difference between SNR « standards » and products without any guarantee.



« The first Premier »: spectacular results

The SNR spherical roller bearings were the first to benefit from the Premier system.

The tests carried out on these new products showed very significant gains:

- + 18% for the load capacity,
- + 75% minimum life duration.

The way to a gradual and carefully planned optimization

With Premier, SNR confirms its manufacturers' philosophy: without increasing costs, permanently optimize each product according to its application.

This basic work, carried out by teams of researchers and engineers, will in priority involve certain categories of « standards ».

Gradually, the Premier specification will be applied to all the brand's bearings.



Service is our « Premier » asset

The on site reliability of a bearing does not solely depend on its manufactured quality. Actually, 90% of failures are due to factors external to the bearing: lubrication problems, bad assembly or disassembly, lack of monitoring...

It is thus essential for the choice of a bearing, its installation and its monitoring to rely on qualified assistance.

SNR people do provide this support before, during and after the purchase:

- application recommendations, methods, technical advice of engineers,
- daily assistance,
- reliable logistics,
- assembly and disassembly training sessions, and in the event of failure, diagnosis and possible on site interventions.

All these services make the difference between a simple supplier and a brand truly committed to its customers.



SNR: experienced and demanding, serving the « standard » market

By launching the Premier system, SNR proposes to its customers another vision of standard bearings and a continuous quality approach for the long term. We guarantee the quality of each bearing for a greater reliability with no increase in price. We also value the quality of the relationship with the user.

