

B&P APPLIED SOLUTIONS

CASE: CORN HEAD STALK ROLL BEARING

CONTEXT OF THE PROBLEM

Place

America and Europe.

Application:

In corn head stalk rolls.

Use conditions:

Product under high agricultural demands due to its polluting environment and high loads.

Customer need:

Eliminate multiple greasing points per machine, and have a range of regulation in the assembly that allows it to absorb misalignments.

Previously used product:

Bushings with periodic re-greasing.

B&P RECOMMENDATION

Double row ball bearings with angular contact and space between them, which allows it to withstand considerable axial and radial loads that appear in the application.

- ▶ Using this product eliminates about 30 grease points per machine, on average with an armored product for the high demand that it is subjected to.
- ▶ It also uses extreme pressure grease, and the design of the product can be adjusted for each corn head design.
- ▶ The assembly in the production line as well as for the client is greatly facilitated with this bearing since at its linkage point, it uses a piece of spherical geometry that allows absorbing certain misalignments, and eliminate the error that can come up from the human factor.

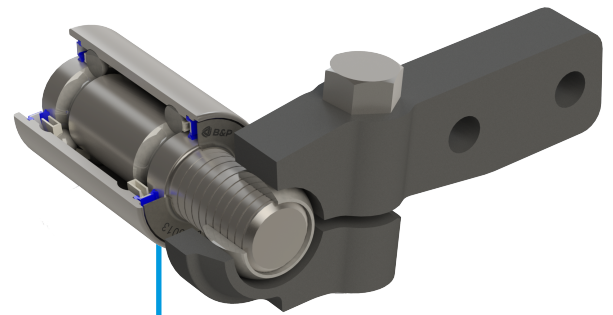
RESULTS

▶ For the farmer:

- Ease of assembly with the use of a 100% maintenance-free product, without the replacements that the use of bushings entails. Issues that ultimately fall on a greater profitability of their investments, and improvement in productivity.
- Elimination of periodic maintenance on these components.

▶ For the manufacturer:

- Installation of a state-of-the-art product that is such a solution for your assembly and assembly procedures. As well as an instrument of follow-up and guarantee for once the machine is delivered.
- Improving your competitiveness by offering a guarantee to your customers, equivalent to the offer in the market. And also with a product with availability and easy delivery.
- Reinforcement of your brand image in the market, offering quality products, superior quality, and with a greater technical advance.



100%

Maintenance free



Reinforced tightness



High load Capacity



Resistance to crashes and wear



Reduced maintenance intervals
Less service interruptions