Brand of **NTN Group**

SUCCESS STORY
Glass industry

Context of the customer's problem

ROX

Location: France

Application: Glass processing

Application conditions: Installation in an indoor environment that is harmful to health, exposure of personnel to glass dust and humidity

Customer requirement: Reduce the frequency of maintenance operations, limit human intervention as much as possible

The application is highly abrasive and open bearings offer no protection against glass dust.
A sealed solution is also unsuitable due to the abrasive environment, which causes rapid wear on the seals.
The bearings are mounted in SNC 509 two-piece housings.
The standard open competitor solution lasts 4 months on this application.

NTN's recommendation

- ROX is a solution that is 100% interchangeable with standard open ISO solutions on the market.
- Its deflectors provide protection against dust and abrasion.

Results

Test of two ROX bearings - 22209EAKW33ZZ, still in operation after two years of use.

▶ **Minimum service life multiplied by 6 compared to the competing solution**

	Number of downtimes (in 2 years)	Cost of downtimes (in 2 years)
Previous solution	**6** (every 4 months)	**€33 000**
New ROX solution	**0** (still in operation)	**€0**

CUSTOMER BENEFIT

ROX* solution (over 2 years)

€33 000

**Estimated gain by the customer*

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