

Ultra-High Speed Angular Contact Ball Bearings with SURSAVE Cage

NSK has developed ultra-high speed Angular Contact Ball Bearings using the new cage "SURSAVE" for the main spindle of machine tools. This cage is applied to the NSKROBUST series of ultra-high speed angular contact bearings. Low NRRO, low heat generation and high-speed performance are achieved with the newly developed cage "SURSAVE"

Product Features

- Optimised internal design
- Lower vibration and runout of the cage reduce NRRO* by
- 20% reduction of heat generation compared to conventional bearings under high-speed conditions
- 20% faster than conventional bearings *NRRO = non-repeatable runout

Benefits

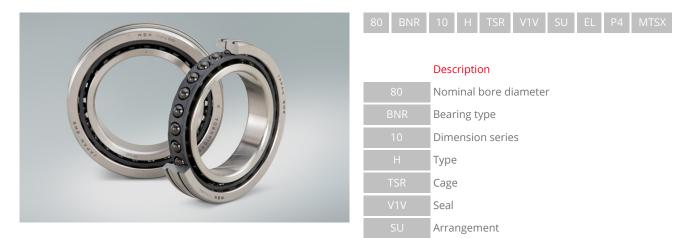
- Higher accuracy
- Higher speed rotation
- Improve productivity
- Environmental friendly
- Reduction of NRRO improves the process surface quality and reduction of heat generation helps to suppress thermal desplacement

Condition Description

- Green environment
- High Accuracy
- High Speed

Industries

Machine Tools



80	BNR	10 H	TSR	V1V	SU	EL	P4	MTSX
		Description						
		Nominal bore diameter						
Е	BNR	Bearing type						
	10	Dimension series						
	Н	Туре						
1	SR	Cage						
\	/1V	Seal						
	SU	Arrangement						
	EL	Preload						
	P4	Accuracy						
N	ITSX	Grease						