

## Oil-Air Lubrication for Super Precision Bearings

NSK's oil-air lubrication works as a safe, economic and pollution free lubrication. With a lubricating hole (groove and hole in the outer ring) the lubricant quantity can be controlled and is injected precisely into the bearing, even under high speed. In addition this reduces the number of parts in the bearing and so simplifies the overall possible construction of the spindle.

### Product Features

- Super Precision Angular Contact ball bearing
- Bearings in the ISO series 10 & 19
- Integrated seal with O-Ring in NBR
- For fixed and free side

### Benefits

- Lubrication direct in the rolling elements
- Increased bearing & spindle life
- Safe lubrication
- Increased spindle rigidity
- Compact spindle construction
- Cost reductions

### Condition Description

- High Accuracy

### Industries

- Machine Tools



70 BER10 H T E33 SU EL P3 + Y3

#### Description

70	Nominal Bore Diameter
BER10	Bearing Type / Dimension Symbol
H	Material
T	Cage
E33	Lubrication holes and groove in OD
SU	Arrangement
EL	Preload
P3	Accuracy
+	
Y3	O-Ring in Outer Rings