

Grease - Oil-Air Lubrication

Significant progress and increases in output have been made in the area of grease lubrication for high-speed bearings. However, grease lubrication is still pushed to its limits, which can only be overcome by an oil-lubrication. 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 amount of lubricant can be controlled and is released precisely into the bearing, even under high speed. This reduces the number of parts in the bearing and 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 and spindle life
- Safe lubrication
- Increased spindle rigidity
- Compact spindle construction
- Reduction in cost

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