

# 2220SK NTN (Grease)

## Lubrication Speed 3 200 r/min

### 100x180x46mm Self aligning ball bearings

rs min	2.1 mm
Associated sleeve reference	H320X
e	0.27
Y1	2.4
Y2	3.7
Y0	2.5
Radial clearance class	CN
Precision class	P0
Mass	4.53 kg
Dynamic load, C	94.5 kN
Static load, C0	38.5 kN
Nlim (oil)	3.800 rpm
Nlim (grease)	3.200 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	111 mm
da max	123 mm
db min	107 mm
Ce min	8 mm
Da max	169 mm
ra max	2 mm
Bearing number	2220SK

Size (mm)	100x180x46
Brand	NTN
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	46
d	100 mm
D	180 mm
B	46 mm
C	46 mm
r min.	2.1 mm
da min.	111 mm
Da max.	169 mm
ra max.	2 mm
Weight	4.53 Kg
Basic dynamic load rating (C)	94.5 kN
Basic static load rating (C0)	38.5 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (e)	0.27
Calculation factor (Y0)	2.5
Calculation factor (Y1)	2.4