

1220SK NTN Calculation factor (Y0) 3.8 100x180x34mm Self aligning ball bearings

rs min	2.1 mm
Associated sleeve reference	H220X
e	0.17
Y1	3.6
Y2	5.6
Y0	3.8
Radial clearance class	CN
Precision class	P0
Mass	3.82 kg
Dynamic load, C	69.5 kN
Static load, C0	29.7 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	125 mm
db min	106 mm
Ce min	7 mm
Da max	169 mm
ra max	2 mm
Bearing number	1220SK
Size (mm)	100x180x34
Brand	NTN

Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	34
d	100 mm
D	180 mm
B	34 mm
C	34 mm
r min.	2.1 mm
da min.	111 mm
Da max.	169 mm
ra max.	2 mm
Weight	3.82 Kg
Basic dynamic load rating (C)	69.5 kN
Basic static load rating (C0)	29.7 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	3 800 r/min
Calculation factor (e)	0.17
Calculation factor (Y0)	3.8
Calculation factor (Y1)	3.6