



**NTN 1307SK self aligning ball bearings**

Bearing No. 1307SK

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
r min.	1,5 mm
da min.	43 mm
Da max.	72 mm
ra max.	1,5 mm
Weight	0,51 Kg
Basic dynamic load rating (C)	25,3 kN
Basic static load rating (C0)	7,85 kN
(Grease) Lubrication Speed	7 500 r/min
(Oil) Lubrication Speed	9 500 r/min
Calculation factor (e)	0,26
Calculation factor (Y0)	2,6
Calculation factor (Y1)	2,5
rs min	1.5 mm
Associated sleeve reference	H307X
e	0.26
Y1	2.5
Y2	3.8
Y0	2.6

1307SK Bearing 2D drawings and 3D CAD models



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Radial clearance class	CN
Precision class	P0
Mass	0.51 kg
Dynamic load, C	25.3 kN
Static load, C0	7.85 kN
Nlim (oil)	9,500 rpm
Nlim (grease)	7,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
da min	43 mm
da max	50 mm
db min	39 mm
Ce min	7 mm
Da max	72 mm
ra max	1.5 mm