

# 1316SK NTN Calculation factor (e) 0.22 80x170x39mm Self aligning ball bearings

rs min	2.1 mm
Associated sleeve reference	H316X
e	0.22
Y1	2.9
Y2	4.5
Y0	3.1
Radial clearance class	CN
Precision class	P0
Mass	4.31 kg
Dynamic load, C	89 kN
Static load, C0	33 kN
Nlim (oil)	4.300 rpm
Nlim (grease)	3.600 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	91 mm
da max	103 mm
db min	86 mm
Ce min	5 mm
Da max	159 mm
ra max	2 mm
Bearing number	1316SK
Size (mm)	80x170x39
Brand	NTN

Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	39
d	80 mm
D	170 mm
B	39 mm
C	39 mm
r min.	2.1 mm
da min.	91 mm
Da max.	159 mm
ra max.	2 mm
Weight	4.31 Kg
Basic dynamic load rating (C)	89 kN
Basic static load rating (C0)	33 kN
(Grease) Lubrication Speed	3 600 r/min
(Oil) Lubrication Speed	4 300 r/min
Calculation factor (e)	0.22
Calculation factor (Y0)	3.1
Calculation factor (Y1)	2.9