

# 2309S NTN 45x100x36mm Outer Diameter 100mm Self aligning ball bearings

rs min	1.5 mm
e	0.41
Y1	1.5
Y2	2.4
Y0	1.6
Radial clearance class	CN
Precision class	P0
Mass	1.2 kg
Dynamic load, C	55 kN
Static load, C0	16.7 kN
Nlim (oil)	7.100 rpm
Nlim (grease)	5.600 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	53 mm
Da max	92 mm
ra max	1.5 mm
Bearing number	2309S
Size (mm)	45x100x36
Brand	NTN
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	36
d	45 mm

D	100 mm
B	36 mm
C	36 mm
r min.	1.5 mm
da min.	53 mm
Da max.	92 mm
ra max.	1.5 mm
Weight	1.2 Kg
Basic dynamic load rating (C)	55 kN
Basic static load rating (C0)	16.7 kN
(Grease) Lubrication Speed	5 600 r/min
(Oil) Lubrication Speed	7 100 r/min
Calculation factor (e)	0.41
Calculation factor (Y0)	1.6
Calculation factor (Y1)	1.5