

# 2316S      NTN      80x170x58mm

## Calculation factor (Y1) 1.6

### Self aligning ball bearings

B1	59 mm
rs min	2.1 mm
e	0.39
Y1	1.6
Y2	2.5
Y0	1.7
Radial clearance class	CN
Precision class	P0
Mass	5.54 kg
Dynamic load, C	130 kN
Static load, C0	45 kN
Nlim (oil)	4.000 rpm
Nlim (grease)	3.200 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	91 mm
Da max	159 mm
ra max	2 mm
Bearing number	2316S
Size (mm)	80x170x58
Brand	NTN
Bore Diameter (mm)	80
Outer Diameter (mm)	170
Width (mm)	58

d	80 mm
D	170 mm
B	58 mm
C	58 mm
r min.	2.1 mm
da min.	91 mm
Da max.	159 mm
ra max.	2 mm
Weight	5.54 Kg
Basic dynamic load rating (C)	130 kN
Basic static load rating (C0)	45 kN
(Grease) Lubrication Speed	3 200 r/min
(Oil) Lubrication Speed	4 000 r/min
Calculation factor (e)	0.39
Calculation factor (Y0)	1.7
Calculation factor (Y1)	1.6