

# 2216S      NTN      80x140x33mm

## Calculation factor (Y1) 2.5

### Self aligning ball bearings

rs min	2 mm
e	0.25
Y1	2.5
Y2	3.9
Y0	2.7
Radial clearance class	CN
Precision class	P0
Mass	1.97 kg
Dynamic load, C	49 kN
Static load, C0	19.9 kN
Nlim (oil)	5.000 rpm
Nlim (grease)	4.000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	89 mm
Da max	131 mm
ra max	2 mm
Bearing number	2216S
Size (mm)	80x140x33
Brand	NTN
Bore Diameter (mm)	80
Outer Diameter (mm)	140
Width (mm)	33
d	80 mm

D	140 mm
B	33 mm
C	33 mm
r min.	2 mm
da min.	89 mm
Da max.	131 mm
ra max.	2 mm
Weight	1.97 Kg
Basic dynamic load rating (C)	49 kN
Basic static load rating (C0)	19.9 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	5 000 r/min
Calculation factor (e)	0.25
Calculation factor (Y0)	2.7
Calculation factor (Y1)	2.5