

# 1205S NTN Calculation factor (Y0) 2.4 25x52x15mm Self aligning ball bearings

rs min	1 mm
e	0.28
Y1	2.3
Y2	3.5
Y0	2.4
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Dynamic load, C	12.2 kN
Static load, C0	3.3 kN
Nlim (oil)	14.000 rpm
Nlim (grease)	12.000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
da min	30 mm
Da max	47 mm
ra max	1 mm
Bearing number	1205S
Size (mm)	25x52x15
Brand	NTN
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	15
d	25 mm

D	52 mm
B	15 mm
C	15 mm
r min.	1 mm
da min.	30 mm
Da max.	47 mm
ra max.	1 mm
Weight	0.14 Kg
Basic dynamic load rating (C)	12.2 kN
Basic static load rating (C0)	3.3 kN
(Grease) Lubrication Speed	12 000 r/min
(Oil) Lubrication Speed	14 000 r/min
Calculation factor (e)	0.28
Calculation factor (Y0)	2.4
Calculation factor (Y1)	2.3