

# 2309E-2RS1TN9 SKF 45x100x36mm

## Fatigue load limit (Pu) 0.7

### Self aligning ball bearings

Bearing number	2309E-2RS1TN9
Size (mm)	45x100x36
Brand	SKF
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	36
d	45 mm
D	100 mm
B	36 mm
C	36 mm
d2	60.9 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
D1	90 mm
da min.	54 mm
da max	60.5 mm
Da max.	91 mm
ra max.	1.5 mm
Weight	1.3 Kg
Basic dynamic load rating (C)	39 kN
Basic static load rating (C0)	13.4 kN
Fatigue load limit (Pu)	0.7
Limiting speed	4500 r/min
Calculation factor (e)	0.23

Calculation factor (kr)	0.05
Calculation factor (Y0)	2.8
Calculation factor (Y1)	2.7