

# 1309EKTN9 SKF Weight 0.96 Kg 45x100x25mm Self aligning ball bearings

Bearing number	1309EKTN9
Size (mm)	45x100x25
Brand	SKF
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
d	45 mm
D	100 mm
B	25 mm
C	25 mm
d2	67.7 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
D1	89.5 mm
da min.	54 mm
Da max.	91 mm
ra max.	1.5 mm
Weight	0.96 Kg
Basic dynamic load rating (C)	39 kN
Basic static load rating (C0)	13.4 kN
Fatigue load limit (Pu)	0.7
Reference speed	12000 r/min
Limiting speed	8500 r/min
Calculation factor (e)	0.23

Calculation factor (kr)	0.04
Calculation factor (Y0)	2.8
Calculation factor (Y1)	2.7