

# 2309EKTN9 SKF Calculation factor (Y0) 2 45x100x36mm Self aligning ball bearings

Bearing number	2309EKTN9
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	60.1 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
D1	87.4 mm
da min.	54 mm
Da max.	91 mm
ra max.	1.5 mm
Weight	1.25 Kg
Basic dynamic load rating (C)	63.7 kN
Basic static load rating (C0)	19.3 kN
Fatigue load limit (Pu)	1
Reference speed	13000 r/min
Limiting speed	9000 r/min
Calculation factor (e)	0.33

Calculation factor (kr)	0.05
Calculation factor (Y0)	2
Calculation factor (Y1)	1.9