

# 2307EKTN9 SKF 35x80x31mm

## Limiting speed 12000 r/min

### Self aligning ball bearings

Bearing number	2307EKTN9
Size (mm)	35x80x31
Brand	SKF
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
C	31 mm
d2	46.5 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
D1	68.4 mm
da min.	44 mm
Da max.	71 mm
ra max.	1.5 mm
Weight	0.68 Kg
Basic dynamic load rating (C)	39.7 kN
Basic static load rating (C0)	11.2 kN
Fatigue load limit (Pu)	0.59
Reference speed	16000 r/min
Limiting speed	12000 r/min
Calculation factor (e)	0.46

Calculation factor (kr)	0.05
Calculation factor (Y0)	1.4
Calculation factor (Y1)	1.35