

# 1209EKTN9 SKF 45x85x19mm Calculation factor (Y1) 3 Self aligning ball bearings

Bearing number	1209EKTN9
Size (mm)	45x85x19
Brand	SKF
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	19
d	45 mm
D	85 mm
B	19 mm
C	19 mm
d2	57.5 mm
r1 min.	1.1 mm
r2 min.	1.1 mm
D1	73.7 mm
da min.	52 mm
Da max.	78 mm
ra max.	1.1 mm
Weight	0.47 Kg
Basic dynamic load rating (C)	22.9 kN
Basic static load rating (C0)	7.8 kN
Fatigue load limit (Pu)	0.4
Reference speed	17000 r/min
Limiting speed	11000 r/min
Calculation factor (e)	0.21

Calculation factor (kr)	0.04
Calculation factor (Y0)	3.2
Calculation factor (Y1)	3