

# 1224KM SKF Reference speed 6300 r/min 120x215x42mm Self aligning ball bearings

Bearing number	1224KM
Size (mm)	120x215x42
Brand	SKF
Bore Diameter (mm)	120
Outer Diameter (mm)	215
Width (mm)	42
d	120 mm
D	215 mm
B	42 mm
C	42 mm
d2	149 mm
r1 min.	2.1 mm
r2 min.	2.1 mm
D1	190 mm
da min.	132 mm
Da max.	203 mm
ra max.	2 mm
Weight	6.75 Kg
Basic dynamic load rating (C)	119 kN
Basic static load rating (C0)	53 kN
Fatigue load limit (Pu)	2.12
Reference speed	6300 r/min
Limiting speed	4000 r/min
Calculation factor (e)	0.19

Calculation factor (kr)	0.04
Calculation factor (Y0)	3.6
Calculation factor (Y1)	3.3