

# 24124-E1-K30+AH+AH24124 FAG

## Calculation factor (Y1) 1.84

### 120x200x80mm Spherical roller bearings

Bearing number	24124-E1-K30+AH+AH24124
Size (mm)	120x200x80
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	200
Width (mm)	80
d	120 mm
d1	115 mm
D	200 mm
B	80 mm
C	80 mm
n	6.5 mm
I	93 mm
a	9 mm
b	13 mm
d2	136.7 mm
r min.	2 mm
D1	170.7 mm
Thread (G)	M130X2
da min.	131 mm
Da max.	189 mm
ra max.	2 mm

d5	3.2 r/min
Weight	11 Kg
Basic dynamic load rating (C)	680 000 kN
Basic static load rating (C0)	950 000 kN
Fatigue load limit (Pu)	101 000
Reference speed	1 580 r/min
Limiting speed	2 600 r/min
Calculation factor (e)	0.34
Calculation factor (Y0)	1.8
Calculation factor (Y1)	1.84
Calculation factor (Y2)	2.74