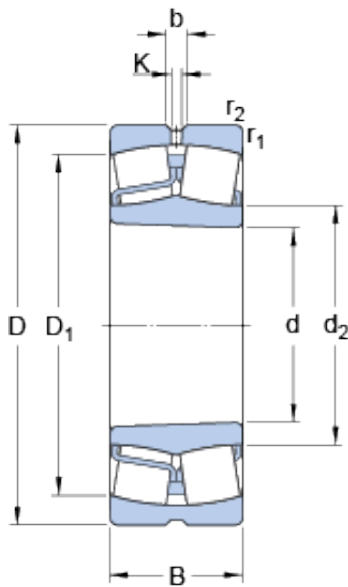




Bearing No. 22314 EK

b	8.3 mm
K	4.5 mm
d	70 mm
D	150 mm
B	51 mm
series:	223
Category	Roller Bearings
Size (mm)	150x70x51
Inventory	0.0
Width (mm)	51
bore type:	Tapered 1:12
maximum rpm:	4500 RPM
Mass bearing	4.45 kg
D ₁	128 mm
d ₂	90.3 mm
closure type:	Open
Product Group	B04311
fillet radius:	2 mm
cage material:	Steel
overall width:	51 mm
Bearing number	22314 EK
bore diameter:	70 mm
Limiting speed	4500 r/min
finish/coating:	Uncoated
Reference speed	3400 r/min
outer ring type:	Not Split
bearing material:	Steel
outer ring width:	51 mm
precision rating:	Not Rated
outside diameter:	150 mm

Weight / Kilogram	4.293
Manufacturer Name	SKF
D _a max.	138 mm
Bore Diameter (mm)	150
r _a max.	2 mm
Outer Diameter (mm)	70
internal clearance:	C0
d _a - min.	78 mm
Calculation factor e	0.33
d _a - max.	90 mm
Minimum Buy Quantity	N/A
D _a - max.	138 mm
r _a - max.	2 mm
r _{1,2} min.	2.1 mm
d ₂ ?	90.3 mm
D ₁ ?	128 mm
static load capacity:	430 kN
Calculation factor - e	0.33
dynamic load capacity:	400 kN
r _{1,2} - min.	2.1 mm
lubrication hole type:	Lubrication Groove & Hole
Basic dynamic load rating C	413 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	413 kN
Fatigue load limit P _u	45 kN
Calculation factor Y ₁	2
Calculation factor Y ₂	3
Calculation factor Y ₀	2
Fatigue load limit - P _u	45 kN

Calculation factor - Y_1	2
Calculation factor - Y_0	2
Calculation factor - Y_2	3
Basic static load rating C_0	430 kN
Basic static load rating - C_0	430 kN
Recommended lock nut tightening angle ?	130 °