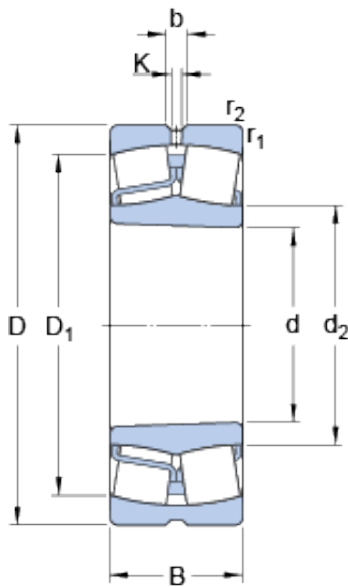




Bearing No. 22318 EK

K	6 mm
b	11.1 mm
d	90 mm
D	190 mm
B	64 mm
series:	223
Category	Roller Bearings
Size (mm)	190x90x64
Inventory	0.0
Width (mm)	64
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Mass bearing	8.85 kg
maximum rpm:	3600 RPM
D ₁	161 mm
d ₂	113 mm
closure type:	Open
Product Group	B04311
fillet radius:	2.5 mm
cage material:	Steel
overall width:	64 mm
bore diameter:	90 mm
Bearing number	22318 EK
Limiting speed	3600 r/min
Reference speed	2600 r/min
finish/coating:	Uncoated
outer ring type:	Not Split
precision rating:	Not Rated
outer ring width:	64 mm
outside diameter:	190 mm

bearing material:	Steel
Weight / Kilogram	8.612
Manufacturer Name	SKF
D _a max.	176 mm
r _a max.	2.5 mm
Bore Diameter (mm)	190
Outer Diameter (mm)	90
internal clearance:	C0
r _{1,2} min.	3 mm
d _a - min.	98 mm
d _a - max.	113 mm
Calculation factor e	0.33
D _a - max.	176 mm
r _a - max.	2.5 mm
Minimum Buy Quantity	N/A
D ₁ ?	161 mm
d ₂ ?	113 mm
static load capacity:	695 kN
dynamic load capacity:	610 kN
r _{1,2} - min.	3 mm
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.33
Basic dynamic load rating C	637 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	637 kN
Calculation factor Y ₂	3
Calculation factor Y ₀	2
Calculation factor Y ₁	2
Fatigue load limit P _u	67 kN

Calculation factor - Y_1	2
Calculation factor - Y_2	3
Fatigue load limit - P_u	67 kN
Calculation factor - Y_0	2
Basic static load rating C_0	695 kN
Basic static load rating - C_0	695 kN
Recommended lock nut tightening angle ?	150 °