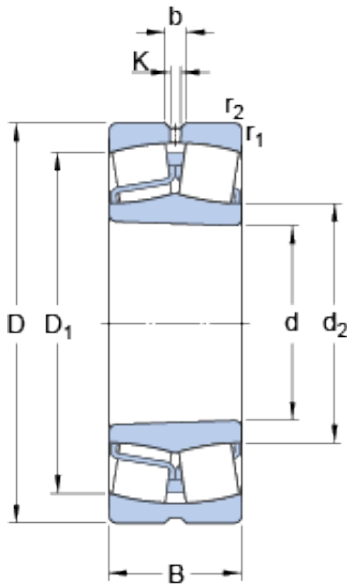




BEARING DRIVESHAFT, INC.

100 mm x 215 mm x 73 mm skf 22320 ek
bearing

Bearing No. 22320 ek



22320 ek Bearing 2D drawings and 3D CAD models

Size	215x100x73 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	73 mm
d	100 mm
D	215 mm
B	73 mm
d ₂	130 mm
D ₁	184 mm
b	11.1 mm
K	6 mm
r _{1,2} - min.	3 mm
d _a - min.	108 mm
d _a - max.	130 mm
D _a - max.	201 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	847 kN
Basic static load rating - C ₀	950 kN
Fatigue load limit - P _u	88 kN
Reference speed	2400 r/min
Limiting speed	3000 r/min
Calculation factor - e	0.33
Calculation factor - Y ₁	2
Calculation factor - Y ₂	3



BEARING DRIVESHAFT, INC.

Calculation factor - Y_0	2
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	12.758
EAN	7316570370270
Product Group	B04311
bore diameter:	100 mm
maximum rpm:	3000 RPM
outside diameter:	215 mm
operating temperature range:	Maximum of +390 ° F
overall width:	73 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	73 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2.5 mm
dynamic load capacity:	815 kN
series:	223
static load capacity:	950 kN
d_2	130 mm
D_1	184 mm
$r_{1,2}$ min.	3 mm
D_a max.	201 mm



BEARING DRIVESHAFT, INC.

r_a max.	2.5 mm
Basic dynamic load rating C	847 kN
Basic static load rating C_0	950 kN
Fatigue load limit P_u	88 kN
Calculation factor e	0.33
Calculation factor Y_1	2
Calculation factor Y_2	3
Calculation factor Y_0	2
Mass bearing	13 kg
Recommended lock nut tightening angle	150 °