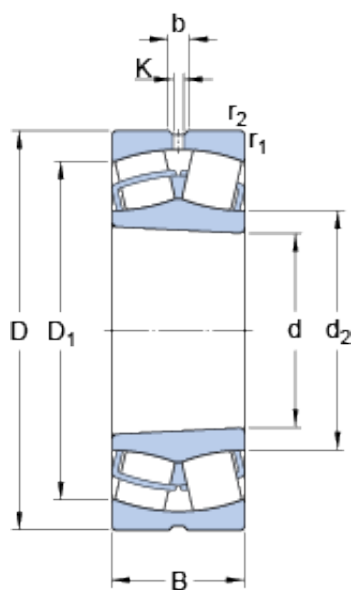




Bearing No. 22210 EK

D	90 mm
d	50 mm
B	23 mm
b	5.5 mm
K	3 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	0.906 Inch 23 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	90x50x23
Inventory	0.0
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	23
Bore Profile	Tapered
maximum rpm:	9500 RPM
Weight / LBS	1.382
Mass bearing	0.62 kg
Product Group	B04311
Inch - Metric	Metric
closure type:	Open
D ₁	79 mm
d ₂	60 mm
Cage Material	Steel
Relubricatable	Yes

Withdrawal Nut	KM11
Bearing number	22210 EK
Keyword String	Spherical
bore diameter:	50 mm
cage material:	Steel
fillet radius:	1 mm
overall width:	23 mm
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	9500 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	7000 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	50MM Tapered Bore; 90MM Outside Diameter; 23MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Num
Outside Diameter	3.543 Inch 90 Millimeter
outer ring width:	23 mm
precision rating:	Not Rated
outside diameter:	90 mm
bearing material:	Steel
Manufacturer Name	SKF

Weight / Kilogram	0.627
Withdrawal Sleeve	AHX310 (Specify Bore)
Bore Diameter (mm)	90
r_a max.	1 mm
D_a max.	83 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW10 H310 HA310 HE310 HS310 (Specify Bore) Inch H310 (Specify bore) Millimeter
Outer Diameter (mm)	50
$r_{1,2}$ min.	1.1 mm
d_a - min.	55 mm
d_a - max.	60 mm
Calculation factor e	0.24
Minimum Buy Quantity	N/A
D_a - max.	83 mm
r_a - max.	1 mm
D_1 ?	79 mm
d_2 ?	60 mm
static load capacity:	108 kN
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	1.1 mm
dynamic load capacity:	104 kN
Calculation factor - e	0.24
lubrication hole type:	Lubrication Groove & Hole
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	107 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	107 kN
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Fatigue load limit P_u	11.8 kN
Calculation factor - Y_1	2.8
Fatigue load limit - P_u	12 kN
Calculation factor - Y_0	2.8
Calculation factor - Y_2	4.2
Basic static load rating C_0	108 kN
Basic static load rating - C_0	108 kN
Recommended lock nut tightening angle ?	130 °