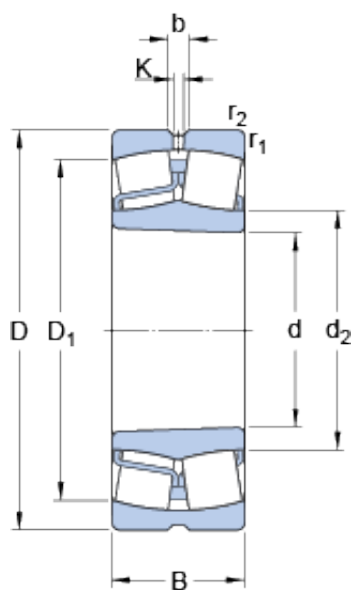




Bearing No. 22222 EK

b	8.3 mm
d	110 mm
D	200 mm
B	53 mm
K	4.5 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Width	2.087 Inch 53 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Inventory	4.0
Size (mm)	200x110x53
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	53
Weight / LBS	15.395
Mass bearing	6.85 kg
maximum rpm:	4000 RPM
Bore Profile	Tapered
closure type:	Open
D ₁	178 mm
d ₂	130 mm
Inch - Metric	Metric
Product Group	B04311
Cage Material	Steel
bore diameter:	110 mm

Keyword String	Spherical
overall width:	53 mm
cage material:	Steel
Withdrawal Nut	KM24
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	22222 EK
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	4000 r/min
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	3000 r/min
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Outside Diameter	7.874 Inch 200 Millimeter
Long Description	110MM Tapered Bore; 200MM Outside Diameter; 53MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Weight / Kilogram	6.989
Manufacturer Name	SKF
Withdrawal Sleeve	AHX3122 (Specify bore)
bearing material:	Steel
outer ring width:	53 mm

outside diameter:	200 mm
precision rating:	Not Rated
D _a max.	188 mm
Bore Diameter (mm)	200
r _a max.	2 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Adapter Part Number	SNW22 H322 HA322 HE322 (Specify Bore) Inch H322 (Specify bore) Millimeter
Outer Diameter (mm)	110
Calculation factor e	0.25
r _{1,2} min.	2.1 mm
Minimum Buy Quantity	N/A
d _a - min.	118 mm
d _a - max.	130 mm
r _a - max.	2 mm
D _a - max.	188 mm
static load capacity:	640 kN
D ₁ ?	178 mm
d ₂ ?	130 mm
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.25
r _{1,2} - min.	2.1 mm
Harmonized Tariff Code	84823080
dynamic load capacity:	560 kN
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	572 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	572 kN
Fatigue load limit P_u	63 kN
Calculation factor Y_1	2.7
Calculation factor Y_2	4
Calculation factor Y_0	2.5
Fatigue load limit - P_u	63 kN
Calculation factor - Y_1	2.7
Calculation factor - Y_2	4
Calculation factor - Y_0	2.5
Basic static load rating C_0	640 kN
Basic static load rating - C_0	640 kN