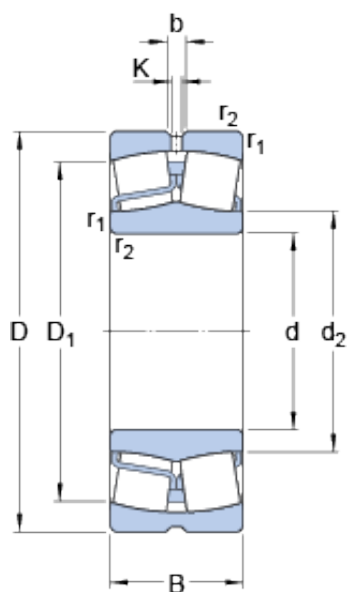




Bearing No. 22222 E

b	8.3 mm
K	4.5 mm
d	110 mm
D	200 mm
B	53 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Width	2.087 Inch 53 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	200x110x53
Enclosure	Open
Inventory	0.0
Width (mm)	53
bore type:	Straight
maximum rpm:	4000 RPM
Weight / LBS	15.719
Bore Profile	Straight
Mass bearing	7 kg
Cage Material	Steel
closure type:	Open
d ₂	130 mm
D ₁	178 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	4000 r/min
fillet radius:	2 mm

cage material:	Steel
overall width:	53 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	110 mm
Bearing number	22222 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	3000 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	110MM Straight Bore; 200MM Outside Diameter; 53MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	7.874 Inch 200 Millimeter
outer ring width:	53 mm
precision rating:	Not Rated
outside diameter:	200 mm
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	7.136
Withdrawal Sleeve	Not Applicable
Bore Diameter (mm)	200
r _a max.	2 mm
D _a max.	188 mm

d_a min.	122 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	110
internal clearance:	C0
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d_a - min.	122 mm
Minimum Buy Quantity	N/A
r_a - max.	2 mm
$r_{1,2}$ min.	2.1 mm
D_a - max.	188 mm
Calculation factor e	0.25
d_2 ?	130 mm
static load capacity:	640 kN
D_1 ?	178 mm
dynamic load capacity:	560 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Calculation factor - e	0.25
$r_{1,2}$ - min.	2.1 mm
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_0	2.5
Calculation factor Y_2	4
Calculation factor Y_1	2.7
Calculation factor - Y_1	2.7

Calculation factor - Y_0	2.5
Fatigue load limit - P_u	63 kN
Calculation factor - Y_2	4
Basic static load rating C_0	640 kN
Basic static load rating - C_0	640 kN