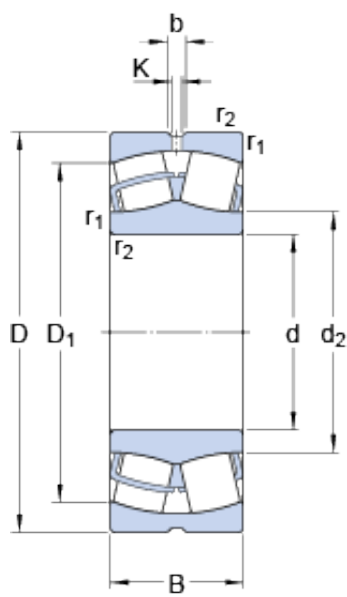




Bearing No. 21310 E

b	6 mm
K	3 mm
d	50 mm
D	110 mm
B	27 mm
Noun	Bearing
Bore	1.969 Inch 50 Millimeter
Width	1.063 Inch 27 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	110x50x27
Enclosure	Open
Inventory	1.0
bore type:	Straight
Width (mm)	27
cage type:	Inner Ring Guided
maximum rpm:	7500 RPM
Weight / LBS	2.899
Bore Profile	Straight
Mass bearing	1.35 kg
D ₁	96.8 mm
Cage Material	Steel
closure type:	Open
d ₂	72.7 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2 mm

cage material:	Steel
overall width:	27 mm
bore diameter:	50 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	21310 E
Limiting speed	7500 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	5600 r/min
outer ring type:	Not Split
Manufacturer URL	http://www.skf.com
Long Description	50MM Straight Bore; 110MM Outside Diameter; 27MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	4.331 Inch 110 Millimeter
outside diameter:	110 mm
Manufacturer Name	SKF
precision rating:	Not Rated
Weight / Kilogram	1.316
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
outer ring width:	27 mm
Bore Diameter (mm)	110
d _a min.	61 mm

D _a max.	99 mm
r _a max.	2 mm
Internal Clearance	C0-Medium
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	50
internal clearance:	C0
Minimum Buy Quantity	N/A
r _{1,2} min.	2 mm
d _a - min.	61 mm
D _a - max.	99 mm
r _a - max.	2 mm
Calculation factor e	0.24
D ₁ ?	96.8 mm
d ₂ ?	72.7 mm
static load capacity:	166 kN
Calculation factor - e	0.24
dynamic load capacity:	156 kN
r _{1,2} - min.	2 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	159 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	159 kN
Calculation factor Y ₁	2.8
Fatigue load limit P _u	18.6 kN
Calculation factor Y ₂	4.2
Calculation factor Y ₀	2.8

Calculation factor - Y_1	2.8
Calculation factor - Y_2	4.2
Calculation factor - Y_0	2.8
Fatigue load limit - P_u	18 kN
Basic static load rating C_0	166 kN
Basic static load rating - C_0	163 kN