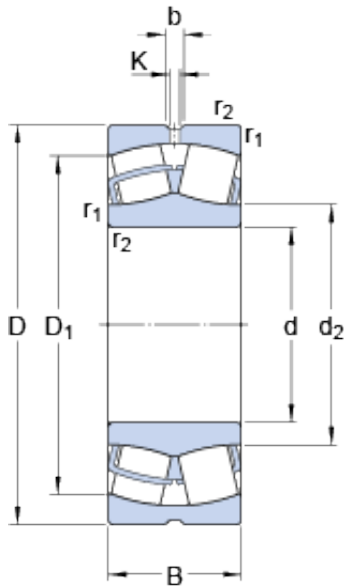




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21310 E Bearing 2D drawings and 3D CAD models

50 mm x 110 mm x 27 mm SKF 21310 E spherical roller bearings

Bearing No. 21310 E

Size	110x50x27 mm
Bore Diameter	110 mm
Outer Diameter	50 mm
Width	27 mm
d	50 mm
D	110 mm
B	27 mm
d ₂	72.7 mm
D ₁	96.8 mm
b	6 mm
K	3 mm
r _{1,2} - min.	2 mm
d _a - min.	61 mm
D _a - max.	99 mm
r _a - max.	2 mm
Basic dynamic load rating - C	159 kN
Basic static load rating - C ₀	163 kN
Fatigue load limit - P _u	18 kN
Reference speed	5600 r/min
Limiting speed	7500 r/min
Calculation factor - e	0.24
Calculation factor - Y ₁	2.8
Calculation factor - Y ₂	4.2
Calculation factor - Y ₀	2.8



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Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.316
EAN	7316577612526
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
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
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	2.899
Adapter Part Number	Not Applicable Inch Not



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	Applicable Millimeter
Width	1.063 Inch 27 Millimeter
Bore	1.969 Inch 50 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
bore diameter:	50 mm
maximum rpm:	7500 RPM
outside diameter:	110 mm
operating temperature range:	Maximum of +390 ° F
overall width:	27 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	27 mm
dynamic load capacity:	156 kN
fillet radius:	2 mm
static load capacity:	166 kN
series:	213
d_2	72.7 mm
D_1	96.8 mm
$r_{1,2}$ min.	2 mm
d_a min.	61 mm
D_a max.	99 mm
r_a max.	2 mm
Basic dynamic load rating C	159 kN
Basic static load rating C_0	166 kN



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Fatigue load limit P_u	18.6 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	1.35 kg