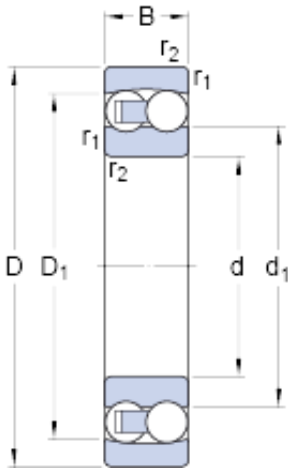




Leap Bearing Service



2214 Bearing 2D drawings and 3D CAD models

SKF NU 2214 E 70X125X31 mm Cylindrical Roller Bearing

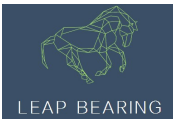
Bearing No. 2214

Size	125x70x31 mm
Bore Diameter	125 mm
Outer Diameter	70 mm
Width	31 mm
d	70 mm
D	125 mm
B	31 mm
d ₁	88 mm
D ₁	109 mm
r _{1,2} - min.	1.5 mm
d _a - min.	79 mm
D _a - max.	116 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	44.2 kN
Basic static load rating - C ₀	17 kN
Fatigue load limit - P _u	0.88 kN
Reference speed	10000 r/min
Limiting speed	6700 r/min
Calculation factor - k _r	0.04
Calculation factor - e	0.27
Calculation factor - Y ₀	2.5
Calculation factor - Y ₁	2.3
Calculation factor - Y ₂	3.6



Leap Bearing Service

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.574
EAN	7316576605741
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg
Long Description	70MM Bore; Shaft Mount; 125MM Outside Diameter; 31MM Inner Race Width; 31MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2214
Weight / LBS	3.466
Bore	2.756 Inch 70 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter



Leap Bearing Service

Outside Diameter	4.921 Inch 125 Millimeter
Inner Race Width	1.22 Inch 31 Millimeter
bore diameter:	70 mm
static load capacity:	17 kN
outside diameter:	125 mm
precision rating:	Not Rated
overall width:	31 mm
maximum rpm:	6700 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	31 mm
internal clearance:	C0
fillet radius:	1.5 mm
dynamic load capacity:	44.2 kN
series:	2200
d_1	88 mm
D_1	109 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	79 mm
D_a max.	116 mm
r_a max.	1.5 mm
Basic dynamic load rating C	44.2 kN
Basic static load rating C_0	17 kN
Fatigue load limit P_u	0.88 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.27
Calculation factor Y_0	2.5
Calculation factor Y_1	2.3
Calculation factor Y_2	3.6
Mass bearing	1.5 kg



Leap Bearing Service