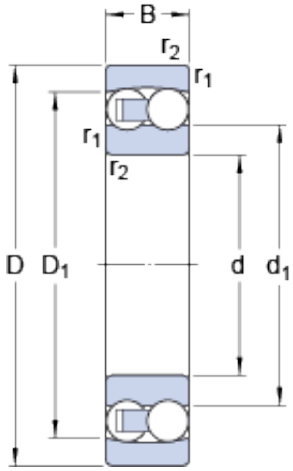
Loyal | 2214



Bearing No. 2214

D	125 mm
d	70 mm
B	31 mm
Bore	2.756 Inch | 70 Millimeter
Noun	Bearing
UNSPSC	31171532
series:	2200
Category	Self Aligning Ball Bearings
Size (mm)	125x70x31
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	31
maximum rpm:	6700 RPM
Weight / LBS	3.466
Mass bearing	1.5 kg
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Product Group	B00152
d_1	88 mm
D_1	109 mm
Other Features	Allowable Misalignment 3 Deg
Keyword String	Self Aligning
Bearing number	2214
bore diameter:	70 mm
overall width:	31 mm
fillet radius:	1.5 mm

Limiting speed	6700 r/min
Reference speed	10000 r/min
finish/coating:	Uncoated
Mounting Method	Shaft
Rolling Element	Ball Bearing
Precision Class	ABEC 1 | ISO P0
Inner Race Width	1.22 Inch | 31 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	4.921 Inch | 125 Millimeter
Outer Race Width	1.22 Inch | 31 Millimeter
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
Weight / Kilogram	1.574
precision rating:	Not Rated
outside diameter:	125 mm
Manufacturer Name	SKF
outer ring width:	31 mm
d_a min.	79 mm
Bore Diameter (mm)	125
Internal Clearance	C0-Medium
D_a max.	116 mm
r_a max.	1.5 mm
internal clearance:	C0
Outer Diameter (mm)	70
d_a - min.	79 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm

r_a - max.	1.5 mm
Calculation factor e	0.27
D_a - max.	116 mm
D_1 ?	109 mm
d_1 ?	88 mm
static load capacity:	17 kN
dynamic load capacity:	44.2 kN
Calculation factor - e	0.27
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
Number of Rows of Balls	Double Row
Manufacturer Item Number	2214
Basic dynamic load rating C	44.2 kN
Basic dynamic load rating - C	44.2 kN
Fatigue load limit P_u	0.88 kN
Calculation factor Y_2	3.6
Calculation factor Y_1	2.3
Calculation factor Y_0	2.5
Calculation factor k_r	0.04
Calculation factor - k_r	0.04
Calculation factor - Y_2	3.6
Calculation factor - Y_1	2.3
Calculation factor - Y_0	2.5
Fatigue load limit - P_u	0.88 kN
Permissible angular misalignment ?	2.5 °
Basic static load rating C_0	17 kN
Basic static load rating - C_0	17 kN