



SNR Bearing Argentina



2312 K Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 46 mm SKF 2312 K Self Aligning Ball Bearings

Bearing No. 2312 K

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.5
EAN	7316577002099
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-2312
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 1:12 Taper
Long Description	60MM Bore; Tapered Adapter Mount; 130MM Outside Diameter; 46MM Inner Race Width; 46MM 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



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Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2312 K
Weight / LBS	5.512
Inner Race Width	1.811 Inch 46 Millimeter
d	2.362 Inch 60 Millimeter
D	5.118 Inch 130 Millimeter
Outer Race Width	1.811 Inch 46 Millimeter
bore diameter:	60 mm
static load capacity:	28.5 kN
outside diameter:	130 mm
precision rating:	Not Rated
overall width:	46 mm
maximum rpm:	7000 RPM
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
outer ring width:	46 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	87.1 kN
series:	2300
d	60 mm
D	130 mm
B	46 mm
d ₁	77.1 mm
D ₁	109.2 mm
r _{1,2} min.	2.1 mm
D _a max.	118 mm
r _a max.	2 mm



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Basic dynamic load rating C	87.1 kN
Basic static load rating C_0	28.5 kN
Fatigue load limit P_u	1.46 kN
Reference speed	9500 r/min
Limiting speed	7000 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.05
Calculation factor e	0.33
Calculation factor Y_0	2
Calculation factor Y_1	1.9
Calculation factor Y_2	3
Mass bearing	2.5 kg