



SNR Bearing Argentina



1312 EKTN9 Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 31 mm SKF 1312 EKTN9 Self Aligning Ball Bearings

Bearing No. 1312 EKTN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.9
EAN	7316576636219
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-312
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg High Capacity Design 1:12 Taper
Long Description	60MM Bore; Tapered Adapter Mount; 130MM Outside Diameter; 31MM Inner Race Width; 31MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings



SNR Bearing Argentina

UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1312 EKTN9
Weight / LBS	4.189
D	5.118 Inch 130 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
d	2.362 Inch 60 Millimeter
Inner Race Width	1.22 Inch 31 Millimeter
bore diameter:	60 mm
precision rating:	Not Rated
outside diameter:	130 mm
maximum rpm:	6300 RPM
overall width:	31 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	31 mm
dynamic load capacity:	58.5 kN
fillet radius:	2 mm
static load capacity:	22 kN
series:	1300
d	60 mm
D	130 mm
B	31 mm
d ₁	91.61 mm
D ₁	116.7 mm



SNR Bearing Argentina

$r_{1,2}$ min.	2.1 mm
D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	58.5 kN
Basic static load rating C_0	22 kN
Fatigue load limit P_u	1.12 kN
Reference speed	9000 r/min
Limiting speed	6300 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.22
Calculation factor Y_0	2.8
Calculation factor Y_1	2.9
Calculation factor Y_2	4.5
Mass bearing	1.9 kg