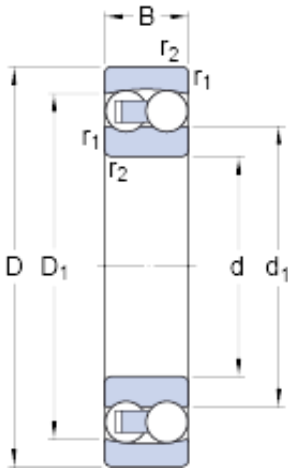




CSC BEARING GROUP limited



60 mm x 130 mm x 31 mm SKF 1312 ETN9 Self aligning ball bearing

Bearing No. 1312 ETN9

1312 ETN9 Bearing 2D drawings and 3D CAD models

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d ₁	91.61 mm
D ₁	116.7 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 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	1.1 kN
Reference speed	9000 r/min
Limiting speed	6300 r/min
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



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Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.95
EAN	7316576638466
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
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
Long Description	60MM Bore; Shaft 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
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 ETN9
Weight / LBS	4.299
Inner Race Width	1.22 Inch 31 Millimeter
Bore	2.362 Inch 60 Millimeter



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Outside Diameter	5.118 Inch 130 Millimeter
Outer 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:	Straight
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_1	91.61 mm
D_1	116.7 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	72 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
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



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Calculation factor Y_2	4.5
Mass bearing	1.95 kg