



1310 ETN9 Bearing 2D drawings and 3D CAD models

50 mm x 110 mm x 27 mm SKF 1310 ETN9 Self Aligning Ball Bearings

Bearing No. 1310 ETN9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.2
EAN	7316576624360
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	50MM Bore; Shaft Mount; 110MM Outside Diameter; 27MM Inner Race Width; 27MM 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	1310 ETN9
Weight / LBS	2.646
Outer Race Width	1.063 Inch 27 Millimeter
Inner Race Width	1.063 Inch 27 Millimeter
d	1.969 Inch 50 Millimeter
D	4.331 Inch 110 Millimeter
bore diameter:	50 mm
precision rating:	Not Rated
outside diameter:	110 mm
maximum rpm:	8000 RPM
overall width:	27 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	3 °
internal clearance:	C0
outer ring width:	27 mm
dynamic load capacity:	43.6 kN
fillet radius:	2 mm
static load capacity:	14 kN
series:	1300
d	50 mm
D	110 mm
B	27 mm
d ₁	70.3 mm
D ₁	92.6 mm
r _{1,2} min.	2 mm
d _a min.	61 mm
D _a max.	99 mm



r_a max.	2 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C_0	14 kN
Fatigue load limit P_u	0.72 kN
Reference speed	12000 r/min
Limiting speed	8000 r/min
Permissible angular misalignment	3 °
Calculation factor k_r	0.04
Calculation factor e	0.24
Calculation factor Y_0	2.8
Calculation factor Y_1	2.6
Calculation factor Y_2	4.1
Mass bearing	1.2 kg