



BEARING Driveshaft USA CORP.



1200 etn9 Bearing 2D drawings and 3D CAD models

0.394 Inch | 10 Millimeter x 30 mm x 9 mm skf
1200 etn9 bearing

Bearing No. 1200 etn9

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.03
EAN	7316576622038
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 2.5 Deg High Capacity Design
Long Description	10MM Bore; Shaft Mount; 30MM Outside Diameter; 9MM Inner Race Width; 9MM 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



BEARING Driveshaft USA CORP.

Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1200 ETN9
Weight / LBS	0.075
d	0.394 Inch 10 Millimeter
Outer Race Width	0.354 Inch 9 Millimeter
D	1.181 Inch 30 Millimeter
Inner Race Width	0.354 Inch 9 Millimeter
bore diameter:	10 mm
precision rating:	Not Rated
outside diameter:	30 mm
maximum rpm:	36000 RPM
overall width:	9 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C0
outer ring width:	9 mm
dynamic load capacity:	5.53 kN
fillet radius:	0.6 mm
static load capacity:	1.18 kN
series:	1200
D	30 mm
B	9 mm
d ₁	16.5 mm
D ₁	23.5 mm
r _{1,2} min.	0.6 mm
d _a min.	14.2 mm
D _a max.	25.8 mm
r _a max.	0.6 mm



BEARING Driveshaft USA CORP.

Basic dynamic load rating C	5.53 kN
Basic static load rating C_0	1.18 kN
Fatigue load limit P_u	0.061 kN
Reference speed	56000 r/min
Limiting speed	36000 r/min
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.33
Calculation factor Y_0	2
Calculation factor Y_1	1.9
Calculation factor Y_2	3
Mass bearing	0.034 kg