



BEARING DRIVESHAFT, INC.



50 mm x 90 mm x 23 mm skf 2210 etn9 bearing

Bearing No. 2210 etn9

2210 etn9 Bearing 2D drawings and 3D CAD models

Size	90x50x23 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	23 mm
d	50 mm
D	90 mm
B	23 mm
d ₁	61.47 mm
D ₁	80.2 mm
r _{1,2} - min.	1.1 mm
d _a - min.	57 mm
D _a - max.	83 mm
r _a - max.	1.1 mm
Basic dynamic load rating - C	33.8 kN
Basic static load rating - C ₀	11.2 kN
Fatigue load limit - P _u	0.57 kN
Reference speed	14000 r/min
Limiting speed	9500 r/min
Calculation factor - k _r	0.045
Calculation factor - e	0.23
Calculation factor - Y ₀	2.8
Calculation factor - Y ₁	2.7
Calculation factor - Y ₂	4.2
Category	Self Aligning Ball Bearings



BEARING DRIVESHAFT, INC.

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.6
EAN	7316576620591
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	50MM Bore; Shaft Mount; 90MM Outside Diameter; 23MM Inner Race Width; 23MM 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	2210 ETN9
Weight / LBS	1.323
Inner Race Width	0.906 Inch 23 Millimeter
Bore	1.969 Inch 50 Millimeter
Outer Race Width	0.906 Inch 23 Millimeter



BEARING DRIVESHAFT, INC.

Outside Diameter	3.543 Inch 90 Millimeter
bore diameter:	50 mm
precision rating:	Not Rated
outside diameter:	90 mm
maximum rpm:	9500 RPM
overall width:	23 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:	23 mm
dynamic load capacity:	33.8 kN
fillet radius:	1.1 mm
static load capacity:	11.2 kN
series:	2200
d_1	61.47 mm
D_1	80.2 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	57 mm
D_a max.	83 mm
r_a max.	1.1 mm
Basic dynamic load rating C	33.8 kN
Basic static load rating C_0	11.2 kN
Fatigue load limit P_u	0.57 kN
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.045
Calculation factor e	0.23
Calculation factor Y_0	2.8
Calculation factor Y_1	2.7
Calculation factor Y_2	4.2



BEARING DRIVESHAFT, INC.

Mass bearing	0.6 kg
--------------	--------