



BEARING DRIVESHAFT, INC.



1222 k Bearing 2D drawings and 3D CAD models

110 mm x 200 mm x 38 mm skf 1222 k bearing

Bearing No. 1222 k

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	5
EAN	7316577077684
Product Group	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-222
Cage Material	Steel
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 3 Deg 1:12 Taper
Long Description	110MM Bore; Tapered Adapter Mount; 200MM Outside Diameter; 38MM Inner Race Width; 38MM Outer Race Width; Open; Steel 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



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Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	1222 K
Weight / LBS	11.023
Inner Race Width	1.496 Inch 38 Millimeter
D	7.874 Inch 200 Millimeter
d	4.331 Inch 110 Millimeter
Outer Race Width	1.496 Inch 38 Millimeter
bore diameter:	110 mm
static load capacity:	39 kN
outside diameter:	200 mm
precision rating:	Not Rated
overall width:	38 mm
maximum rpm:	4300 RPM
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
outer ring width:	38 mm
internal clearance:	C0
fillet radius:	2 mm
dynamic load capacity:	88.4 kN
series:	1200
d	110 mm
D	200 mm
B	38 mm
d ₁	140.35 mm
D ₁	173.7 mm
r _{1,2} min.	2.1 mm
D _a max.	188 mm
r _a max.	2 mm
Basic dynamic load rating C	88.4 kN



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Basic static load rating C_0	39 kN
Fatigue load limit P_u	1.6 kN
Reference speed	6700 r/min
Limiting speed	4300 r/min
Permissible angular misalignment	2.5 °
Calculation factor k_r	0.04
Calculation factor e	0.17
Calculation factor Y_0	4
Calculation factor Y_1	3.7
Calculation factor Y_2	5.7
Mass bearing	5 kg