



AMI BEARING LIMITED



High quality Deep Groove Ball Bearing SKF 6222 for electric bicycle made in germany

Bearing No. 6222

6222 Bearing 2D drawings and 3D CAD models

Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
d ₁	138 mm
D ₂	176.7 mm
r _{1,2} - min.	2.1 mm
d _a - min.	122 mm
D _a - max.	188 mm
r _a - max.	2 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C ₀	118 kN
Fatigue load limit - P _u	4 kN
Reference speed	6700 r/min
Limiting speed	4300 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.3
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	4.49
EAN	7316576622175
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	110MM Bore; 200MM Outside Diameter; 38MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6222
Weight / LBS	9.88
Outside Diameter	7.874 Inch 200 Millimeter
Outer Race Width	1.496 Inch 38 Millimeter
Bore	4.331 Inch 110 Millimeter
bore diameter:	110 mm
static load capacity:	118 kN
outside diameter:	200 mm



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precision rating:	ABEC 1 (ISO Class Normal)
overall width:	38 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	38 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	4300 RPM
internal clearance:	C0
series:	62
dynamic load capacity:	151 kN
d_1	138 mm
D_2	176.7 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	122 mm
D_a max.	188 mm
r_a max.	2 mm
Basic dynamic load rating C	151 kN
Basic static load rating C_0	118 kN
Fatigue load limit P_u	4 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.3
Mass bearing	4.45 kg