



BEARING DRIVESHAFT, INC.



120 mm x 215 mm x 40 mm skf 6224 bearing

Bearing No. 6224

6224 Bearing 2D drawings and 3D CAD models

Size	215x120x40 mm
Bore Diameter	215 mm
Outer Diameter	120 mm
Width	40 mm
d	120 mm
D	215 mm
B	40 mm
d ₁	150.6 mm
D ₂	189.2 mm
r _{1,2} - min.	2.1 mm
d _a - min.	132 mm
D _a - max.	203 mm
r _a - max.	2 mm
Basic dynamic load rating - C	146 kN
Basic static load rating - C ₀	118 kN
Fatigue load limit - P _u	3.9 kN
Reference speed	6300 r/min
Limiting speed	4000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.4
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.3



BEARING DRIVESHAFT, INC.

EAN	7316576621727
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	120MM Bore; 215MM Outside Diameter; 40MM 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	6224
Weight / LBS	11.68
Outer Race Width	1.575 Inch 40 Millimeter
Bore	4.724 Inch 120 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
bore diameter:	120 mm
static load capacity:	118 kN
outside diameter:	215 mm
precision rating:	Not Rated



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overall width:	40 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	40 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	4000 RPM
internal clearance:	C0
series:	62
dynamic load capacity:	146 kN
d_1	150.6 mm
d_2	118.1 mm
D_1	184.1 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	132 mm
D_a max.	203 mm
r_a max.	2 mm
Basic dynamic load rating C	146 kN
Basic static load rating C_0	118 kN
Fatigue load limit P_u	3.9 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.4
Mass bearing	5.27 kg