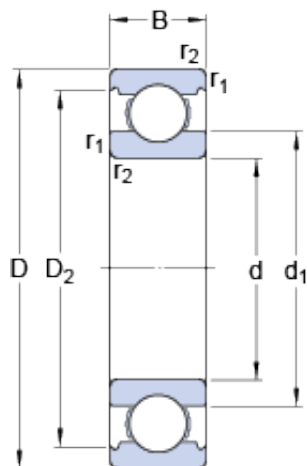




## BEARING BOWER CORP.



120 mm x 215 mm x 40 mm 94649/94114D Inch  
Taper Roller Bearing 165.1x288.92x142.875mm

Bearing No. 6224

6224 Bearing 2D drawings and 3D CAD models

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



## BEARING BOWER CORP.

Weight / Kilogram	5.3
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	<a href="http://www.skf.com">http://www.skf.com</a>
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



## BEARING BOWER CORP.

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