



# BEARING BOWER CORP.



70 mm x 110 mm x 20 mm 7209 AC/C3  
Angular Contact Ball Bearing 45 × 85 × 19mm

Bearing No. 6014

6014 Bearing 2D drawings and 3D CAD models

Size	110x70x20 mm
Bore Diameter	110 mm
Outer Diameter	70 mm
Width	20 mm
d	70 mm
D	110 mm
B	20 mm
d <sub>1</sub>	82.85 mm
D <sub>2</sub>	99.9 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	76 mm
D <sub>a</sub> - max.	104 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	39.7 kN
Basic static load rating - C <sub>0</sub>	31 kN
Fatigue load limit - P <sub>u</sub>	1.3 kN
Reference speed	13000 r/min
Limiting speed	8000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.6
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING BOWER CORP.

Weight / Kilogram	0.64
EAN	7316577740441
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	70MM Bore; 110MM Outside Diameter; 20MM 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	6014
Weight / LBS	1.4
Bore	2.756 Inch   70 Millimeter
Outside Diameter	4.331 Inch   110 Millimeter
Outer Race Width	0.787 Inch   20 Millimeter
bore diameter:	70 mm
static load capacity:	31 kN
outside diameter:	110 mm



## BEARING BOWER CORP.

precision rating:	Not Rated
overall width:	20 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	20 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	8000 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	39.7 kN
$d_1$	82.85 mm
$D_2$	99.9 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	76 mm
$D_a$ max.	104 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	39.7 kN
Basic static load rating $C_0$	31 kN
Fatigue load limit $P_u$	1.32 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.6
Mass bearing	0.61 kg