



# NTN-BOWER LTD.



## 100 mm x 215 mm x 47 mm SKF 6320-2Z GERMANY Bearing

Bearing No. 6320-2Z

6320-2Z Bearing 2D drawings and 3D CAD models

Size	215x100x47 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
d <sub>1</sub>	135,85 mm
d <sub>2</sub>	mm
D <sub>2</sub>	183,8 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	114 mm
d <sub>a</sub> - max.	135,9 mm
D <sub>a</sub> - max.	201 mm
r <sub>a</sub> - max.	2,5 mm
Basic dynamic load rating - C	174 kN
Basic static load rating - C <sub>0</sub>	140 kN
Fatigue load limit - P <sub>u</sub>	4,8 kN
Reference speed	6700 r/min
Limiting speed	3400 r/min
Calculation factor - k <sub>r</sub>	0,03
Calculation factor - f <sub>0</sub>	13,2
Category	Single Row Ball Bearings
Inventory	0.0



## NTN-BOWER LTD.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.166
Product Group	B00308
Enclosure	2 Metal Shields
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	100MM Bore; 215MM Outside Diameter; 47MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; St
Other Features	Deep Groove
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	6320-2Z
Weight / LBS	16.0767
Bore	3.937 Inch   100 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	8.465 Inch   215 Millimeter



## NTN-BOWER LTD.

Outer Race Width	1.85 Inch   47 Millimeter
$d_1$	135.85 mm
$D_2$	183.8 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	114 mm
$d_a$ max.	135.9 mm
$D_a$ max.	201 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	174 kN
Basic static load rating $C_0$	140 kN
Fatigue load limit $P_u$	4.75 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	7.3 kg