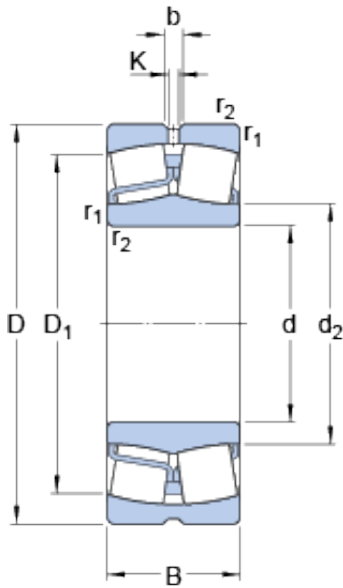




# NTN PRECISION AXLE CORP.

100 mm x 215 mm x 73 mm SKF 22320 E  
spherical roller bearings

Bearing No. 22320 E



22320 E Bearing 2D drawings and 3D CAD models

Size	215x100x73 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	73 mm
d	100 mm
D	215 mm
B	73 mm
d <sub>2</sub>	130 mm
D <sub>1</sub>	184 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	3 mm
d <sub>a</sub> - min.	114 mm
D <sub>a</sub> - max.	201 mm
r <sub>a</sub> - max.	2.5 mm
Basic dynamic load rating - C	847 kN
Basic static load rating - C <sub>0</sub>	950 kN
Fatigue load limit - P <sub>u</sub>	88 kN
Reference speed	2400 r/min
Limiting speed	3000 r/min
Calculation factor - e	0.33
Calculation factor - Y <sub>1</sub>	2
Calculation factor - Y <sub>2</sub>	3
Calculation factor - Y <sub>0</sub>	2



## NTN PRECISION AXLE CORP.

Category	Spherical Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	13.012
EAN	7316570050455
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	100MM Straight Bore; 215MM Outside Diameter; 73MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	28.66
Bore	3.937 Inch   100 Millimeter



## NTN PRECISION AXLE CORP.

Outside Diameter	8.465 Inch   215 Millimeter
Width	2.874 Inch   73 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
bore diameter:	100 mm
maximum rpm:	3000 RPM
outside diameter:	215 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 in
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	73 mm
dynamic load capacity:	815 kN
fillet radius:	2.5 mm
static load capacity:	950 kN
series:	223
$d_2$	130 mm
$D_1$	184 mm
$r_{1,2}$ min.	3 mm
$d_a$ min.	114 mm
$D_a$ max.	201 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	847 kN
Basic static load rating $C_0$	950 kN



## NTN PRECISION AXLE CORP.

Fatigue load limit $P_u$	88 kN
Calculation factor $e$	0.33
Calculation factor $Y_1$	2
Calculation factor $Y_2$	3
Calculation factor $Y_0$	2
Mass bearing	13.5 kg