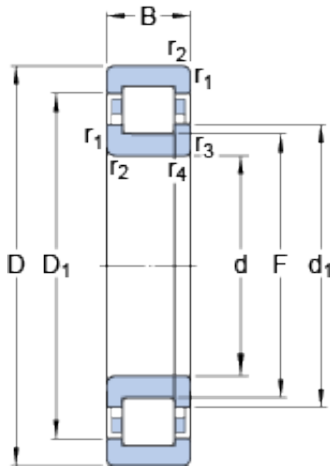




NTN BEARING CORP.



NUP 320 ECJ Bearing 2D drawings and 3D CAD models

100 mm x 215 mm x 47 mm SKF NUP 320 ECJ thrust ball bearings

Bearing No. NUP 320 ECJ

Size	215x100x47 mm
Bore Diameter	215 mm
Outer Diameter	100 mm
Width	47 mm
d	100 mm
D	215 mm
B	47 mm
d ₁	139 mm
D ₁	181.1 mm
F	127.5 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
d _a - min.	114 mm
d _b - min.	142 mm
D _a - max.	199.6 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	450 kN
Basic static load rating - C ₀	440 kN
Fatigue load limit - P _u	51 kN
Reference speed	3200 r/min
Limiting speed	3800 r/min
Calculation factor - k _r	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0



NTN BEARING CORP.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.884
EAN	7316577313232
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 47MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NUP 320 ECJ



NTN BEARING CORP.

Weight / LBS	17.366
Bore	3.937 Inch 100 Millimeter
Outside Diameter	8.465 Inch 215 Millimeter
Width	1.85 Inch 47 Millimeter
bore diameter:	100 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	215 mm
maximum rpm:	3800 RPM
overall width:	47 mm
bearing material:	Steel
flanges:	(4) Flanges, Two-Piece Inner Ring
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	47 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2.5 mm
dynamic load capacity:	450 kN
series:	NUP3
static load capacity:	440 kN
d ₁	139 mm
D ₁	181.25 mm
r _{1,2} min.	3 mm
r _{3,4} min.	3 mm



NTN BEARING CORP.

d_a min.	114 mm
d_b min.	142 mm
D_a max.	199.6 mm
r_a max.	2.5 mm
Basic dynamic load rating C	450 kN
Basic static load rating C_0	440 kN
Fatigue load limit P_u	51 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	8.1 kg