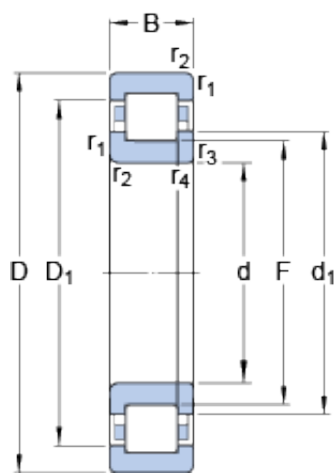




Bearing No. NUP 224 ECJ

B	40 mm
F	143.5 mm
d	120 mm
D	215 mm
Noun	Bearing
Bore	4.724 Inch 120 Millimeter
Width	1.575 Inch 40 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP2
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	215x120x40
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	40
bore type:	Straight
maximum rpm:	3600 RPM
Weight / LBS	13.316
Bore Profile	Straight
Mass bearing	5.95 kg
D ₁	186.55 mm
Product Group	B04144
d ₁	153 mm

Cage Material	Steel
Inch - Metric	Metric
closure type:	Open
Bearing number	NUP 224 ECJ
cage material:	Steel
Limiting speed	3600 r/min
overall width:	40 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	120 mm
fillet radius:	2 mm
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	3400 r/min
number of rows:	1
Outside Diameter	8.465 Inch 215 Millimeter
ring separation:	Separable Ring
Long Description	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 40MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
bearing material:	Steel

outer ring width:	40 mm
outside diameter:	215 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	6.045
Bore Diameter (mm)	215
r_a max.	2 mm
d_a min.	132 mm
d_b min.	156 mm
D_a max.	201.6 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	120
internal clearance:	C0
Axial load factor Y	0.6
r_a - max.	2 mm
D_a - max.	201.6 mm
d_b - min.	156 mm
d_a - min.	132 mm
$r_{3,4}$ min.	2.1 mm
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
d_1 ?	153 mm
static load capacity:	430 kN
D_1 ?	186.83 mm
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	390 kN
$r_{3,4}$ - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 224 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	390 kN

rating C	
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	390 kN
Fatigue load limit P_u	49 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	49 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	430 kN
Basic static load rating - C_0	430 kN