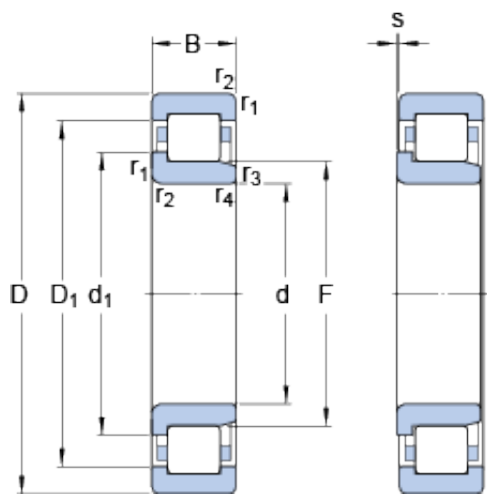




Bearing No. NJ 224 ECJ

F	143.5 mm
s	1.9 mm
d	120 mm
D	215 mm
B	40 mm
Bore	4.724 Inch 120 Millimeter
Noun	Bearing
Width	1.575 Inch 40 Millimeter
s max.	1.9 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ2
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	215x120x40
Inventory	0.0
Snap Ring	No
Width (mm)	40
bore type:	Straight
Bore Profile	Straight
Mass bearing	5.77 kg
Weight / LBS	12.909
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	3600 RPM
closure type:	Open
Product Group	B04144
Cage Material	Steel
Inch - Metric	Metric
D ₁	186.55 mm
d ₁	153 mm
bore diameter:	120 mm
overall width:	40 mm
cage material:	Steel
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	2 mm
Relubricatable	Yes
Bearing number	NJ 224 ECJ
Limiting speed	3600 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	3400 r/min
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; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Inter
Limiting value e	0.2
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	215 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	40 mm
Weight / Kilogram	5.861
Manufacturer Name	SKF
d _a max.	140 mm
d _b min.	156 mm
D _a max.	201.6 mm
d _a min.	132 mm
Bore Diameter (mm)	215
r _a max.	2 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	120
Axial load factor Y	0.6
internal clearance:	C0
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _a - min.	132 mm
D _a - max.	201.6 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - max.	140 mm
d _b - min.	156 mm
static load capacity:	430 kN
d ₁ ?	153 mm
D ₁ ?	186.83 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00

$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	390 kN
Manufacturer Item Number	NJ 224 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	390 kN
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