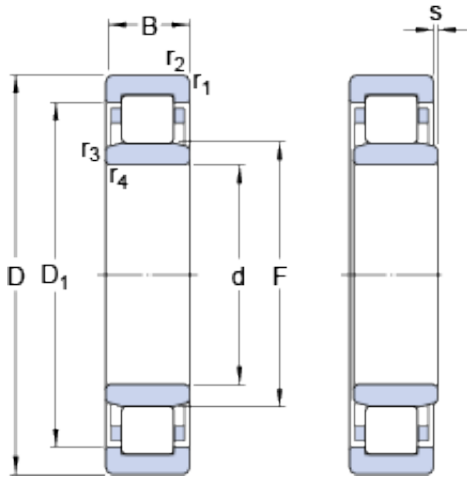




# SAHH BEARING OF ENGLAND CORP.



120 mm x 215 mm x 40 mm 120 mm x 215 mm  
x 40 mm SKF NU 224 ECJ Belgium Bearing  
120\*215\*40

Bearing No. NU 224 ECJ

NU 224 ECJ Bearing 2D drawings and 3D CAD models

Size	215x120x40 mm
Bore Diameter	215 mm
Outer Diameter	120 mm
Width	40 mm
d	120 mm
D	215 mm
B	40 mm
D <sub>1</sub>	186.55 mm
F	143.5 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
s	1.9 mm
d <sub>a</sub> - min.	132 mm
d <sub>a</sub> - max.	140 mm
d <sub>b</sub> - min.	146 mm
D <sub>a</sub> - max.	201.6 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	390 kN
Basic static load rating - C <sub>0</sub>	430 kN
Fatigue load limit - P <sub>u</sub>	49 kN
Reference speed	3400 r/min
Limiting speed	3600 r/min



## SAHH BEARING OF ENGLAND CORP.

Calculation factor - $k_r$	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.745
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
Precision Class	RBEC 1   ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - Both Sides
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   Plain Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 40MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00



## SAHH BEARING OF ENGLAND CORP.

Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 224 ECJ
Weight / LBS	12.655
Bore	4.724 Inch   120 Millimeter
Width	1.575 Inch   40 Millimeter
Outside Diameter	8.465 Inch   215 Millimeter
bore diameter:	120 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	215 mm
maximum rpm:	3600 RPM
overall width:	40 mm
bearing material:	Steel
flanges:	(2) Outer 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:	40 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	390 kN
series:	NU2
static load capacity:	430 kN
D <sub>1</sub>	186.83 mm



## SAHH BEARING OF ENGLAND CORP.

$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
s max.	1.9 mm
$d_a$ min.	132 mm
$d_a$ max.	140 mm
$d_b$ min.	146 mm
$D_a$ max.	201.6 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	390 kN
Basic static load rating $C_0$	430 kN
Fatigue load limit $P_u$	49 kN
Calculation factor $k_f$	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	5.65 kg