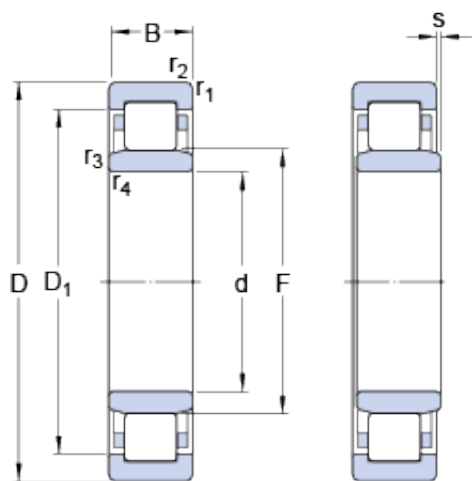




Bearing No. NU 2224 ECJ

s	3.8 mm
F	143.5 mm
d	120 mm
D	215 mm
B	58 mm
Noun	Bearing
Bore	4.724 Inch 120 Millimeter
Width	2.283 Inch 58 Millimeter
UNSPSC	31171547
s max.	3.8 mm
series:	NU22
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	215x120x58
Snap Ring	No
Separable	Inner Ring - Both Sides
Inventory	0.0
bore type:	Straight
Width (mm)	58
maximum rpm:	3600 RPM
Weight / LBS	18.9
Bore Profile	Straight
Mass bearing	8.51 kg
closure type:	Open
Product Group	B04144

D ₁	186.9 mm
Cage Material	Steel
Inch - Metric	Metric
Bearing number	NU 2224 ECJ
Relubricatable	Yes
fillet radius:	2 mm
cage material:	Steel
Limiting speed	3600 r/min
bore diameter:	120 mm
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	58 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Reference speed	3400 r/min
Precision Class	RBEC 1 ISO P0
Outside Diameter	8.465 Inch 215 Millimeter
Limiting value e	0.3
Long Description	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 58MM Width; Steel Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF

outer ring width:	58 mm
Weight / Kilogram	8.581
precision rating:	Not Rated
outside diameter:	215 mm
bearing material:	Steel
r_b max.	2 mm
Internal Clearance	C0-Medium
r_a max.	2 mm
D_a max.	201.6 mm
d_b min.	146 mm
d_a max.	140 mm
d_a min.	132 mm
Bore Diameter (mm)	215
Outer Diameter (mm)	120
internal clearance:	C0
Axial load factor Y	0.4
Minimum Buy Quantity	N/A
r_a - max.	2 mm
d_a - min.	132 mm
r_b - max.	2 mm
d_a - max.	140 mm
d_b - min.	146 mm
D_a - max.	201.6 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
D_1 ?	186.95 mm
static load capacity:	630 kN
$r_{3,4}$ - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	520 kN
Manufacturer Item Number	NU 2224 ECJ

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	520 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	520 kN
Fatigue load limit P_u	72 kN
Calculation factor k_r	0.2
Fatigue load limit - P_u	72 kN
Calculation factor - k_r	0.2
Basic static load rating C_0	630 kN
Basic static load rating - C_0	630 kN