



Bearing No. NJ 2224 ECJ

F	143.5 mm
d	120 mm
D	215 mm
B	58 mm
s	3.8 mm
Bore	4.724 Inch   120 Millimeter
Noun	Bearing
Width	2.283 Inch   58 Millimeter
s max.	3.8 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	215x120x58
Separable	Inner Ring - One Side
Snap Ring	No
Inventory	0.0
Width (mm)	58
Weight / LBS	19.579
Bore Profile	Straight
Mass bearing	8.65 kg
D <sub>1</sub>	186.9 mm
Cage Material	Steel
Inch - Metric	Metric
d <sub>1</sub>	153 mm
Product Group	B04144
Bearing number	NJ 2224 ECJ

Other Features	High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Relubricatable	Yes
Limiting speed	3600 r/min
Precision Class	RBEC 1   ISO P0
Rolling Element	Cylindrical Roller Bearing
Reference speed	3400 r/min
Limiting value e	0.3
Outside Diameter	8.465 Inch   215 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 58MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Weight / Kilogram	8.889
Manufacturer Name	SKF
d <sub>a</sub> max.	140 mm
d <sub>b</sub> min.	156 mm
d <sub>a</sub> min.	132 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	215
D <sub>a</sub> max.	201.6 mm
r <sub>a</sub> max.	2 mm
Outer Diameter (mm)	120
Axial load factor Y	0.4
d <sub>a</sub> - min.	132 mm

$d_a$ - max.	140 mm
$d_b$ - min.	156 mm
$D_a$ - max.	201.6 mm
$r_a$ - max.	2 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	2.1 mm
$d_1$ ?	153 mm
$D_1$ ?	186.95 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	2.1 mm
Manufacturer Item Number	NJ 2224 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	520 kN
Basic dynamic load rating - C	520 kN
Fatigue load limit $P_u$	72 kN
Calculation factor $k_r$	0.2
Calculation factor - $k_r$	0.2
Fatigue load limit - $P_u$	72 kN
Basic static load rating $C_0$	630 kN
Basic static load rating - $C_0$	630 kN