



Bearing No. NU 324 ECM

Size	260x120x55 mm
Bore Diameter	260 mm
Outer Diameter	120 mm
Width	55 mm
d	120 mm
D	260 mm
B	55 mm
D ₁	217.8 mm
F	154 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
s	3.7 mm
d _a - min.	134 mm
d _a - max.	150 mm
d _b - min.	157 mm
D _a - max.	244.8 mm
r _a - max.	2.5 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	610 kN
Basic static load rating - C ₀	620 kN
Fatigue load limit - P _u	69.5 kN
Reference speed	2800 r/min
Limiting speed	3200 r/min
Calculation factor - k _r	0.15
Category	Cylindrical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF

Minimum Buy Quantity	N/A
Weight / Kilogram	14.64
EAN	7316576628467
Product Group - BDI	B04144
Bore Profile	Straight
Cage Material	Brass
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; 260MM Outside Diameter; 55MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Retainer
Category - BDI	Cylindrical Roller Bearing
UNSPSC	31171547

NU 324 ECM SKF Thrust Ball Bearings

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 324 ECM
Weight / LBS	32.706
Width	2.165 Inch 55 Millimeter
Bore	4.724 Inch 120 Millimeter
Outside Diameter	10.236 Inch 260 Millimeter
bore diameter:	120 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	260 mm
maximum rpm:	3200 RPM
overall width:	55 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Brass
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:	55 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2.5 mm
dynamic load capacity:	610 kN

series:	NU3
static load capacity:	620 kN
D_1 ?	217.8 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
s max.	3.7 mm
d_a min.	134 mm
d_a max.	150 mm
d_b min.	157 mm
D_a max.	244.8 mm
r_a max.	2.5 mm
r_b max.	2.5 mm
Basic dynamic load rating C	610 kN
Basic static load rating C_0	620 kN
Fatigue load limit P_u	69.5 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	14.7 kg
Angle ring	HJ 324 EC