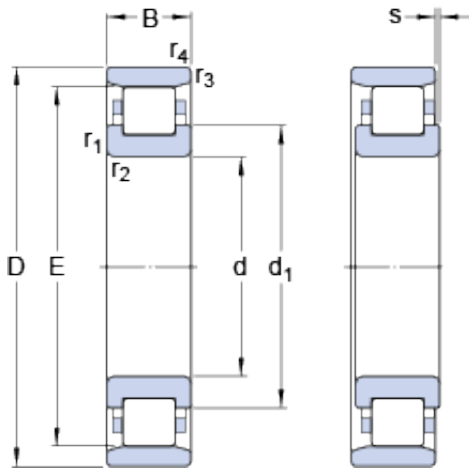




AMERICAN BEARING MFG.CORP.



120 mm x 260 mm x 55 mm SKF N 324 ECM
thrust ball bearings

Bearing No. N 324 ECM

N 324 ECM Bearing 2D drawings and 3D CAD models

| | |
|---|---------------|
| 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 | 168 mm |
| E | 230 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. | 226 mm |
| D _a - min. | 235 mm |
| D _a - max. | 245 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 | 0.12 |
| | |



AMERICAN BEARING MFG.CORP.

| | |
|---------------------------|---|
| Category | Cylindrical Roller Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 14.913 |
| Product Group | B04144 |
| Bore Profile | Straight |
| Cage Material | Brass |
| Precision Class | RBEC 1 ISO P0 |
| Number of Rows of Rollers | Single Row |
| Separable | Outer 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 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD |
| Long Description | 120MM Bore; Straight Bore Profile; 260MM Outside Diameter; 55MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int |
| Category | Cylindrical Roller Bearing |
| UNSPSC | 31171547 |
| Harmonized Tariff Code | 8482.50.00.00 |
| Noun | Bearing |
| Manufacturer URL | http://www.skf.com |



AMERICAN BEARING MFG.CORP.

| | |
|------------------------------|---|
| Manufacturer Item Number | N 324 ECM |
| Weight / LBS | 32.849 |
| Width | 2.165 Inch 55 Millimeter |
| Outside Diameter | 10.236 Inch 260 Millimeter |
| Bore | 4.724 Inch 120 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) Inner 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: | N3 |
| static load capacity: | 620 kN |
| d ₁ | 168 mm |
| r _{1,2} min. | 3 mm |
| r _{3,4} min. | 3 mm |
| | |



AMERICAN BEARING MFG.CORP.

| | |
|--------------------------------|---------|
| s max. | 3.7 mm |
| d_a min. | 134 mm |
| d_a max. | 226 mm |
| D_a min. | 235 mm |
| D_a max. | 245 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 | 0.12 |
| Limiting value e | 0.2 |
| Axial load factor Y | 0.6 |
| Mass bearing | 14.9 kg |