



USK BEARING COMPANY



340 mm x 460 mm x 56 mm skf 61968 MA Deep groove ball bearings

Bearing No. 61968 MA

61968 MA Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 460x340x56 mm |
| Bore Diameter | 460 mm |
| Outer Diameter | 340 mm |
| Width | 56 mm |
| d | 340 mm |
| D | 460 mm |
| B | 56 mm |
| d ₁ | 378.1 mm |
| D ₁ | 421.62 mm |
| r _{1,2} - min. | 3 mm |
| d _a - min. | 353 mm |
| D _a - max. | 447 mm |
| r _a - max. | 2.5 mm |
| Basic dynamic load rating - C | 281 kN |
| Basic static load rating - C ₀ | 425 kN |
| Fatigue load limit - P _u | 9 kN |
| Reference speed | 2600 r/min |
| Limiting speed | 2200 r/min |
| Calculation factor - k _r | 0.02 |
| Calculation factor - f ₀ | 17 |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |



USK BEARING COMPANY

| | |
|---------------------------------|--|
| Weight / Kilogram | 36.813 |
| EAN | 7316577122124 |
| Product Group | B00308 |
| Enclosure | Open |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | No |
| Rolling Element | Ball Bearing |
| Snap Ring | No |
| Internal Special Features | No |
| Cage Material | Brass |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 340MM Bore; 460MM Outside Diameter; 56MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 61968 MA |
| Weight / LBS | 68.2 |
| Outside Diameter | 18.11 Inch 460 Millimeter |
| Outer Race Width | 2.205 Inch 56 Millimeter |
| Bore | 13.386 Inch 340 Millimeter |
| bore diameter: | 340 mm |
| static load capacity: | 425 kN |
| outside diameter: | 460 mm |
| | |



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| | |
|--------------------------------|----------------------------|
| finish/coating: | Uncoated |
| overall width: | 56 mm |
| bearing material: | Steel |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| fillet radius: | 3 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| maximum rpm: | 2600 rpm |
| snap ring included: | Without Snap Ring |
| series: | 61 |
| internal clearance: | C0 |
| weight: | 58.4 lbs |
| operating temperature range: | Max 250 ° F |
| manufacturer product page: | Click here |
| dynamic load capacity: | 281 kN |
| manufacturer upc number: | 7316577122124 |
| d_1 | 378.1 mm |
| D_1 | 421.62 mm |
| $r_{1,2}$ min. | 3 mm |
| d_a min. | 353 mm |
| D_a max. | 447 mm |
| r_a max. | 2.5 mm |
| Basic dynamic load rating C | 281 kN |
| Basic static load rating C_0 | 425 kN |
| Fatigue load limit P_u | 9 kN |
| Calculation factor k_r | 0.02 |
| Calculation factor f_0 | 17 |
| Mass bearing | 26.5 kg |