

16032 SKF 240x160x25mm Fatigue load limit – Pu 3.2 kN Deep groove ball bearings

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| Bearing number | 16032 |
| Size (mm) | 240x160x25 |
| Brand | SKF |
| Bore Diameter (mm) | 240 |
| Outer Diameter (mm) | 160 |
| Width (mm) | 25 |
| d | 160 mm |
| D | 240 mm |
| B | 25 mm |
| d ₁ | 185.8 mm |
| D ₁ | 213.3 mm |
| r _{1,2} – min. | 1.5 mm |
| d _a – min. | 167 mm |
| D _a – max. | 233 mm |
| r _a – max. | 1.5 mm |
| Basic dynamic load rating – C | 99.5 kN |
| Basic static load rating – C ₀ | 108 kN |
| Fatigue load limit – P _u | 3.2 kN |
| Reference speed | 5600 r/min |
| Limiting speed | 3600 r/min |
| Calculation factor – k _r | 0.02 |
| Calculation factor – f ₀ | 16.5 |

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| Category | Single Row Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 3.68 |
| EAN | 7316577080479 |
| Product Group – BDI | 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 | Steel |
| Internal Clearance | C0-Medium |
| Inch – Metric | Metric |
| Long Description | 160MM Bore; 240MM Outside Diameter; 25MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features |
| Category – BDI | 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 | 16032 |
| Weight / LBS | 8.099 |

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| Outside Diameter | 9.449 Inch 240 Millimeter |
| Outer Race Width | 0.984 Inch 25 Millimeter |
| Bore | 6.299 Inch 160 Millimeter |
| bore diameter: | 160 mm |
| static load capacity: | 108 kN |
| outside diameter: | 240 mm |
| precision rating: | Not Rated |
| overall width: | 25 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Open |
| outer ring width: | 25 mm |
| row type & fill slot: | Single Row Non-Fill Slot |
| fillet radius: | 1.5 mm |
| snap ring included: | Without Snap Ring |
| maximum rpm: | 3600 RPM |
| internal clearance: | C0 |
| series: | 16 |
| dynamic load capacity: | 99.5 kN |
| $d_1 \approx$ | 185.8 mm |
| $D_1 \approx$ | 213.3 mm |
| $r_{1,2} \text{ min.}$ | 1.5 mm |
| $d_a \text{ min.}$ | 167 mm |
| $D_a \text{ max.}$ | 233 mm |
| $r_a \text{ max.}$ | 1.5 mm |
| Basic dynamic load rating C | 99.5 kN |
| Basic static load rating C_0 | 108 kN |

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|-------------------------------|---------|
| Fatigue load limit P_u | 3.25 kN |
| Calculation factor k_r | 0.02 |
| Calculation factor f_θ | 16.5 |
| Mass bearing | 3.66 kg |