



NTNY BEARING LTD



20 mm x 42 mm x 12 mm skf 6004 bearing

Bearing No. 6004

6004 Bearing 2D drawings and 3D CAD models

| | |
|---|--------------------------|
| Size | 42x20x12 mm |
| Bore Diameter | 42 mm |
| Outer Diameter | 20 mm |
| Width | 12 mm |
| d | 20 mm |
| D | 42 mm |
| B | 12 mm |
| d ₁ | 27.2 mm |
| D ₂ | 37.19 mm |
| r _{1,2} - min. | 0.6 mm |
| d _a - min. | 23.2 mm |
| D _a - max. | 38.8 mm |
| r _a - max. | 0.6 mm |
| Basic dynamic load rating - C | 10 kN |
| Basic static load rating - C ₀ | 5 kN |
| Fatigue load limit - P _u | 0.212 kN |
| Reference speed | 38000 r/min |
| Limiting speed | 24000 r/min |
| Calculation factor - k _r | 0.025 |
| Calculation factor - f ₀ | 14 |
| Category | Single Row Ball Bearings |
| Inventory | 1.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.073 |



NTNY BEARING LTD

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|---------------------------------|--|
| EAN | 7316577740106 |
| 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 | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 20MM Bore; 42MM Outside Diameter; 12MM 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 | 6004 |
| Weight / LBS | 0.15 |
| Outer Race Width | 0.472 Inch 12 Millimeter |
| Outside Diameter | 1.654 Inch 42 Millimeter |
| Bore | 0.787 Inch 20 Millimeter |
| d ₁ | 27.2 mm |
| D ₂ | 37.19 mm |
| r _{1,2} min. | 0.6 mm |
| d _a min. | 23.2 mm |
| | |



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| | |
|--------------------------------|----------|
| D_a max. | 38.8 mm |
| r_a max. | 0.6 mm |
| Basic dynamic load rating C | 9.95 kN |
| Basic static load rating C_0 | 5 kN |
| Fatigue load limit P_u | 0.212 kN |
| Calculation factor k_r | 0.025 |
| Calculation factor f_0 | 14 |
| Mass bearing | 0.067 kg |