



Bearing No. BEAM 012055-2RS

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| a | 56 mm |
| d | 12 mm |
| D | 55 mm |
| H | 6.8 mm |
| J | 42 mm |
| Bore | 0.472 Inch 12 Millimeter |
| Noun | Bearing |
| Width | 0.984 Inch 25 Millimeter |
| UNSPSC | 31171531 |
| Preload | 600 N |
| Category | Precision Ball Bearings |
| Enclosure | 2 Seals |
| Size (mm) | 12x55x25 |
| Inventory | 0.0 |
| Width (mm) | 25 |
| Weight / LBS | 0.032 |
| Mass bearing | 0.37 kg |
| Flush Ground | No |
| D ₁ | 33.5 mm |
| Inch - Metric | Metric |
| Product Group | B00152 |
| d ₁ | 25 mm |
| Cage Material | Polyamide |
| Raceway Style | Not Applicable |
| Contact Angle | 60 Degree |
| H ₁ | 17 mm |
| Keyword String | Ball Angular Contact |
| Other Features | Double Row Angular |

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| | Contact Thrust Bearing Double Direction |
| Enclosure Type | Contact Seal |
| Bearing number | BEAM 012055-2RS |
| Limiting speed | 4000 r/min |
| Precision Class | ABEC 7 ISO P4 |
| Material - Ball | Steel |
| Rolling Element | Ball Bearing |
| Manufacturer URL | http://www.skf.com |
| Outside Diameter | 2.165 Inch 55 Millimeter |
| Long Description | 12MM Bore; 55MM Outside Diameter; 25MM Width; 2 Seals Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing |
| Frictional moment | 0.16 N·m |
| Manufacturer Name | SKF |
| Weight / Kilogram | 0.366 |
| Number of Bearings | 1 (Single) |
| Bore Diameter (mm) | 12 |
| Outer Diameter (mm) | 55 |
| r_a - max. | 0.6 mm |
| Minimum Buy Quantity | N/A |
| d_a - min. | 16 mm |
| D_a - max. | 33 mm |
| Static Axial rigidity | 350 N/micron |
| $r_{1,2}$ - min. | 0.3 mm |
| Harmonized Tariff Code | 8482.10.50.28 |
| $r_{3,4}$ - min. | 0.6 mm |
| Basic dynamic load | 16.8 kN |

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| rating - C | |
| Required attachment bolt size | M6 |
| Fatigue load limit - P_u | 0.915 kN |
| Basic static load rating - C_0 | 24.5 kN |