



Bearing No. 52215

|               |                            |
|---------------|----------------------------|
| D             | 110 mm                     |
| d             | 60 mm                      |
| H             | 47 mm                      |
| B             | 10 mm                      |
| da            | 75 mm                      |
| D1            | 77 mm                      |
| Noun          | Bearing                    |
| Bore 1        | 2.362 Inch   60 Millimeter |
| Height        | 1.85 Inch   47 Millimeter  |
| Bore 2        | 3.031 Inch   77 Millimeter |
| UNSPSC        | 31171507                   |
| Weight        | 1,55 Kg                    |
| Banded        | No                         |
| ra max.       | 1 mm                       |
| rb max.       | 1 mm                       |
| Da max.       | 89 mm                      |
| r4 min.       | 1 mm                       |
| r3 min.       | 1 mm                       |
| r2 min.       | 1 mm                       |
| r1 min.       | 1 mm                       |
| series:       | 522                        |
| Category      | Thrust Ball Bearings       |
| Inventory     | 0.0                        |
| Size (mm)     | 60x110x47                  |
| Width (mm)    | 47                         |
| Weight / LBS  | 3.384                      |
| maximum rpm:  | 2600 RPM                   |
| Inch - Metric | Metric                     |
| Product Group | B00308                     |

|                       |                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| d <sub>a</sub>        | 75 mm                                                                                                                                                              |
| Cage Material         | Steel                                                                                                                                                              |
| Other Features        | Double Row                                                                                                                                                         |
| Bearing number        | 52215                                                                                                                                                              |
| Keyword String        | Ball Thrust                                                                                                                                                        |
| Thrust Bearing        | Yes                                                                                                                                                                |
| bore diameter:        | 60 mm                                                                                                                                                              |
| overall width:        | 47 mm                                                                                                                                                              |
| Limiting speed        | 2600 r/min                                                                                                                                                         |
| cage material:        | Steel                                                                                                                                                              |
| fillet radius:        | 1 mm                                                                                                                                                               |
| Precision Class       | ABEC 1   ISO P0                                                                                                                                                    |
| Rolling Element       | Ball Bearing                                                                                                                                                       |
| Reference speed       | 1900 r/min                                                                                                                                                         |
| Outside Diameter      | 4.331 Inch   110<br>Millimeter                                                                                                                                     |
| Long Description      | 60MM Bore 1; 77MM<br>Bore 2; 110MM Outside<br>Diameter; 47MM Height;<br>Ball Bearing; Double<br>Direction; Not Banded;<br>Steel Cage; ABEC 1  <br>ISO P0 Precision |
| Manufacturer URL      | <a href="http://www.skf.com">http://www.skf.com</a>                                                                                                                |
| Weight / Kilogram     | 1.536                                                                                                                                                              |
| precision rating:     | ABEC 1 (ISO Class<br>Normal)                                                                                                                                       |
| outside diameter:     | 110 mm                                                                                                                                                             |
| Manufacturer Name     | SKF                                                                                                                                                                |
| r <sub>a</sub> max.   | 1 mm                                                                                                                                                               |
| r <sub>b</sub> max.   | 1 mm                                                                                                                                                               |
| D <sub>a</sub> max.   | 89 mm                                                                                                                                                              |
| Bore Diameter (mm)    | 60                                                                                                                                                                 |
| Outer Diameter (mm)   | 110                                                                                                                                                                |
| r <sub>3,4</sub> min. | 1 mm                                                                                                                                                               |

|                                                       |                               |
|-------------------------------------------------------|-------------------------------|
| $r_{1,2}$ min.                                        | 1 mm                          |
| separable or banded:                                  | Separable                     |
| thrust bearing type:                                  | Double-Direction              |
| Minimum Buy Quantity                                  | N/A                           |
| static load capacity:                                 | 170 kN                        |
| $D_1$ ?                                               | 77 mm                         |
| Minimum load factor A                                 | 0.17                          |
| Component Description                                 | Roller Assembly Plus Raceways |
| dynamic load capacity:                                | 63.7 kN                       |
| Harmonized Tariff Code                                | 8482.10.50.08                 |
| Fatigue load limit (Pu)                               | 6,2                           |
| outside diameter design:                              | Straight                      |
| Manufacturer Item Number                              | 52215                         |
| Single or Double Direction                            | Double Direction              |
| Basic dynamic load rating C                           | 63.7 kN                       |
| Basic dynamic load rating (C)                         | 63,7 kN                       |
| Basic static load rating (C0)                         | 170 kN                        |
| Fatigue load limit $P_u$                              | 6.2 kN                        |
| Overall Height with Aligning Washer                   | 0 Inch   0 Millimeter         |
| Basic static load rating $C_0$                        | 170 kN                        |
| Mass bearing (including seat washer where applicable) | 1.55 kg                       |