

Deep groove ball bearing single row 3003-DS-NICE - 3003-DS-NICE

<https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/single-row/3003-ds-nice>

3000 Series® Semi-Ground Radial Bearings **NICE®**

- PRECISION GROUND ON ALL CONTACT SURFACES EXCEPT BORE
- EASY TO USE INCH DIMENSIONS
- ECONOMICAL BEARING FOR LIGHTER LOADS THAN THE 1000 SERIES® BEARINGS
- MAX SPEED RANGE - 2500 - 3000 RPM
- HARDENED BEARING STEEL
- W/LOW RETAINER STANDARD
- GREASED, DOUBLE SEALED OR DOUBLE SHIELDED STANDARD
- AVAILABLE SINGLE SEALED OR SINGLE SHIELDED, OPEN, AND WITH OR WITHOUT GREASE

| SUFFIX | | | | | | PRINCIPLE DIMENSIONS | |
|---------|-------------|-------------|---------------|---------------|------|------------------------------------|-----------------------------------|
| BEARING | DOUBLE SEAL | SINGLE SEAL | DOUBLE SHIELD | SINGLE SHIELD | OPEN | BORE d (in) (mm) | O.D. D (in) (mm) |
| | | | | | | +0.005 +0.13 -0.000 -0.00 | +0.000 +00 -0.005 -0.013 |
| 3003™ | | | DS | | | 0.3125 7.938 | 0.8750 22.225 |

| WIDTH B (in) (mm) | BASIC LOAD RATINGS | | WEIGHT W (lb) (kg) | ABUTMENT AND FILLET DIMENSIONS | | |
|----------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|------------------------|-----------------------|
| | DYNAMIC C (lbs) (N) | STATIC Co (lbs) (N) | | da min (in) (mm) | Da max (in) (mm) | r max (in) (mm) |
| 0.2813 7.1450 | 325 1446 | 255 1135 | 0.03 0.01 | 0.474 12.04 | 0.778 19.76 | 0.012 0.30 |

Width for sealed versions = 0.3438 (8.733) Weights given are for greased and sealed versions
3038 and larger +.0000/-0.005 (-.000/-0.15)

PRODUCT FEATURES

| | |
|------------------|---------------|
| Brand | NICE |
| N° Ean13 | 3663952558073 |
| Inside diameter | 7.938 mm |
| Outside diameter | 22.225 mm |
| Thickness | 7.145 mm |
| Weight | 10 g |
| Packaging | 1 |

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