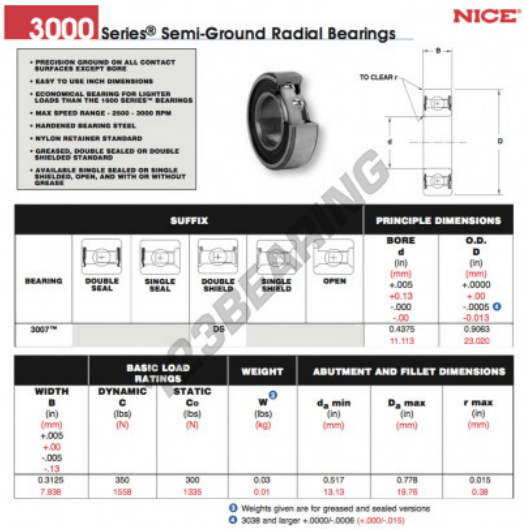
# Deep groove ball bearing single row
# 3007-DS-NICE - 3007-DS-NICE

https://www.123bearing.co.uk/bearing-housing/deep-groove-bearing/single-row/3007-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 1600 SERIES™ BEARINGS
- MAX SPEED RANGE - 2500 - 3000 RPM
- HARDENED BEARING STEEL
- NYLON 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) +.005 +0.13 -.000 -.00 | O.D. D (in) (mm) +.0000 +.00 -.0005 [4] -0.013 |
| 3007™ | | | DS | | | 0.4375 11.113 | 0.9063 23.020 |

| | BASIC LOAD RATINGS | | WEIGHT | ABUTMENT AND FILLET DIMENSIONS | | |
|---|---|---|---|---|---|---|
| WIDTH B (in) (mm) +.005 +.00 -.005 -.13 | DYNAMIC C (lbs) (N) | STATIC Co (lbs) (N) | W [3] (lbs) (kg) | $d_a$ min (in) (mm) | $D_a$ max (in) (mm) | r max (in) (mm) |
| 0.3125 7.938 | 350 1558 | 300 1335 | 0.03 0.01 | 0.517 13.13 | 0.778 19.76 | 0.015 0.38 |

[3] Weights given are for greased and sealed versions
[4] 3038 and larger +.0000/-.0005 (+.000/-.015)

## PRODUCT FEATURES

| | |
|---|---|
| Brand | NICE |
| N° Ean13 | 3663952558271 |
| Inside diameter | 11.113 mm |
| Outside diameter | 23.02 mm |
| Thickness | 7.938 mm |
| Weight | 10 g |
| Packaging | 1 |

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