

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

<https://www.123bearing.com/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 1600 SERIES™ BEARINGS
- MAX SPEED RANGE - 2500 - 3000 RPM
- HARDENED BEARING STEEL
- INFLUX 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	
3003™			DS			
					<b>BORE</b>	<b>O.D.</b>
					<b>d</b>	<b>D</b>
					(in)	(in)
					(mm)	(mm)
					+0.005	+0.000
					+0.13	+00
					-0.000	-0.0005
					-0.00	-0.013
					0.3125	0.8750
					7.938	22.225

WIDTH	BASIC LOAD RATINGS		WEIGHT	ABUTMENT AND FILLET DIMENSIONS		
	DYNAMIC	STATIC		$d_a$ min	$D_a$ max	r max
<b>B</b>	<b>C</b>	<b>Co</b>	<b>W</b>	<b><math>d_a</math> min</b>	<b><math>D_a</math> max</b>	<b>r max</b>
(in)	(lbs)	(lbs)	(kg)	(in)	(in)	(in)
(mm)	(N)	(N)		(mm)	(mm)	(mm)
+0.005						
+0.00	325	255	0.03	0.474	0.778	0.012
-0.005	1446	1135	0.01	12.04	19.76	0.30
-0.13						
0.2813						
7.1450						

Width for sealed versions = 0.3438 (8.733)

Weights given are for greased and sealed versions

3038 and larger +0.0000/-0.005 (-0.000/-0.125)

### 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

[contact@123bearing.com](mailto:contact@123bearing.com)

(646) 712 9672

CRT4 de Lesquin 60 Rue Du Haut De Sainghin 59273 Fretin FRANCE