

Deep groove ball bearing single row 503-NICE - 503-NICE

<https://www.123bearing.eu/bearing-housing/deep-groove-bearing/single-row/503-nice>

500 Series® Single Row Unground Combination Radial and Thrust Bearings **NICE**

- ANGULAR CONTACT UNGROUND BEARING
- EASY TO USE INCH DIMENSIONS
- MODERATE LOADS
- MAX SPEED RANGE - 1000 - 1200 RPM
- HARDENED RINGS
- FULL COMPLIMENT OF BALLS
- FULLY UTILIZED ASSEMBLY

BEARING	BEARING DIMENSIONAL DATA							COMBINED RADIAL					
	A	B	C	D	E	R	BALLS	WEIGHT	REVOLUTIONS PER MINUTE				
	(in)	(in)	(in)	(in)	(in)	(in)			(in)	10		50	
	BORE	O.D.	WIDTH			RADIUS	No.	Size	R	T	R	T	
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)			(lbs)	(lbs)	(lbs)	(lbs)	
	(N)	(N)	(N)	(N)	(N)	(N)			(N)	(N)	(N)	(N)	
503™	0.375	1.062	0.408	0.544	0.719	0.172	11	3/16	0.06	162	108	115	77
	9.53	26.97	10.31	13.72	18.26	4.37			0.03	721	481	512	343

AND THRUST CAPACITY							THRUST CAPACITY																				
REVOLUTIONS PER MINUTE							REVOLUTIONS PER MINUTE																				
100		250		500			1000		10		50		100		250		500		1000								
R	T	R	T	R	T	R	T	R	T	R	T	R	T	R	T	R	T	R	T								
(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)	(lbs)								
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)								
80	53	51	34	30	23	25	17	181	130	96	56	40	34	306	236	227	151	158	152	111	78	716	579	427	249	178	151

• Maximum fillet radius on shaft which the bearing will clear

Note:
Balls - Carbon Steel Grade 200
Rings - Carbon Steel, Case Hardened
Bands - 1010 Carbon Steel, Sulf
Bearings supplied prelubricated with grease

PRODUCT FEATURES

Brand	NICE
N° Ean13	3663952560540
Inside diameter	9.53 mm
Outside diameter	26.97 mm
Thickness	10.31 mm
Weight	30 g
Packaging	1

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