

## Deep groove ball bearing single row 517-NICE - 517-NICE

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/517-nice>

**500 Series® Single Row Unground Combination Radial and Thrust Bearings (con't)** **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 UNITIZED ASSEMBLY



BEARING	BEARING DIMENSIONAL DATA										COMBINED RADIAL				
	A	B	C		D	E	R	BALLS No. Size	WEIGHT (lbs) (kg)	REVOLUTIONS PER MINUTE					
	(in) (mm)	O.D. (in) (mm)	WIDTH (in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)			10	50	R	T	R	T
517	1.250	T10	2.3075	T10	0.584	0.547	1.844	0.250	17	5/16	0.28	686	464	450	327
	31.75	T10	58.611	T10	15.08	13.89	46.96	6.35			7.94	309*	206*	2181	1435

  

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)	(lbs)						
345	230	220	147	158	104	109	73	691	558	412	239	173	144	1326	824	279	654	463	486	325	2076	2483	1833	1064	770	641
(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)						

Ⓢ Maximum fillet radius on shaft which the bearing will clear  
 Ⓢ SPECIAL TOLERANCES  
 TR = +.008/-0.000 (+.207/-0.000)  
 T10 = +.010/-0.000 (+.259/-0.000)

**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	3663952560649
Inside diameter	31.75 mm
Outside diameter	58.611 mm
Thickness	15.08 mm
Weight	130 g
Packaging	1

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