

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

<https://www.123bearing.ie/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 UTILIZED ASSEMBLY

BEARING	BEARING DIMENSIONAL DATA										COMBINED RADIAL			
	A	B	C	D	E	R	BALLS	WEIGHT (lbs) (kg)	REVOLUTIONS PER MINUTE					
	(in) (mm)	O.D. (in) (mm)	WIDTH (in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	No.		Size	10	50	100	250	
517	1.250	2.3075	1.10	0.584	0.547	1.844	0.250	17	5/16	0.28	686	464	450	327
	31.75	58.611	14.08	14.82	13.99	46.56	6.35			7.94	309*	206*	218†	143*

AND THRUST CAPACITY								THRUST CAPACITY							
REVOLUTIONS PER MINUTE				REVOLUTIONS PER MINUTE				REVOLUTIONS PER MINUTE				REVOLUTIONS PER MINUTE			
100	250	500	1000	10	50	100	250	500	1000	10	50	100	250	500	1000
R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)	R (lbs) (N)	T (lbs) (N)
345	230	220	147	158	104	109	73	691	558	412	239	173	144	130	124
1528	1024	979	654	694	463	486	325	3076	2483	1833	1064	770	641	584	551

Ⓢ Maximum fillet radius on shaft which the bearing will clear
 Ⓢ SPECIAL TOLERANCES
 TR = +.0008-.000 (-.20F-.00)
 T10 = +.010-.000 (-.25F-.00)

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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