

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

<https://www.123bearing.eu/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 No. Size	WEIGHT (lb) (kg)	REVOLUTIONS PER MINUTE								
	(in) (mm)	O.D. (in) (mm)	WIDTH (in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)			10	50	R	T	R	T			
517	1.250	2.3075	0.584	0.547	1.844	0.250	17 5/16	0.28	696	464	450	327					
	31.75	58.611	15.08	13.99	46.56	6.35		7.94	0.13	309*	206*	218†	145*				

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
345	230	220	147	158	104	109	73	691	558	412	239	173	144						
1526	1024	979	654	694	463	486	325	3076	2483	1833	1064	770	641						

Maximum fillet radius on shaft which the bearing will clear

SPECIAL TOLERANCES
 TR = +0.008-0.000 (+.207-.000)
 T10 = +0.010-0.000 (+.261-.000)

Notes
 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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