



Deep groove ball bearing single row 518-NICE - 518-NICE

<https://www.123bearing.com/bearing-housing/deep-groove-bearing/single-row/518-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)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	No.		Size	10	50	100	500	
518	1.312 T10	2.3075 T10	0.609	0.531	1.844	0.234	19	9/32	0.30	630	420	442	295	
	33.33 T10	58.611 T10	15.48	13.49	46.56	5.95		7.14	0.14	2804	1959	1967	1313	

AND THRUST CAPACITY								THRUST CAPACITY							
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)
312	208	199	130	139	93	99	66	625	905	373	217	156	130	1398	828
1388	928	888	582	619	414	441	294	2781	2247	1580	969	694	579		

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

SPECIAL TOLERANCES
 TR = +0.008-0.000 (-0.207-.000)
 T10 = +0.010-0.000 (-0.254-.000)

PRODUCT FEATURES

Brand	NICE
N° Ean13	3663952560656
Inside diameter	33.33 mm
Inside diameter	1.312" inch
Outside diameter	58.611 mm
Outside diameter	2.308" inch
Thickness	15.48 mm
Thickness	0.609" inch
Weight	140 g
Packaging	1

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