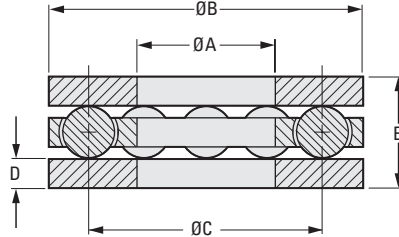


► **MATERIAL:**

- Balls** - 440C Stainless Steel, Hardened to Rc 58-65
- Retainer** - Molded Nylon, for 250°F Max.
- Washer** - 410 Stainless Steel, Hardened to Rc 38-42

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**INCH COMPONENT**

Catalog Number (Complete Bearing Set)	A Dia.		B Dia.		C Ball Circle Dia.	D Washer		E Total Bearing Thickness
	Bore	Tolerance	O.D.	Tolerance		Thk.	Tolerance	
A 7Z 7-012ST	1/8	.128 – .133	7/16	.430 – .437	9/32	.050	± .002	.190 – .196
A 7Z 7-018ST	3/16	.191 – .195	1/2	.492 – .499	11/32			
A 7Z 7-025ST	1/4	.253 – .258	9/16	.555 – .562	13/32			
A 7Z 7-031ST	5/16	.316 – .321	5/8	.617 – .624	15/32	.062	± .002	.254 – .253
A 7Z 7-037ST	3/8	.378 – .383	13/16	.805 – .812	19/32			
A 7Z 7-043ST	7/16	.441 – .446	7/8	.867 – .874	21/32			
A 7Z 7-050ST	1/2	.503 – .508	15/16	.930 – .937	23/32	.093	± .003	.336 – .348
A 7Z 7-056ST	9/16	.566 – .571	1	.992 – .999	25/32			
A 7Z 7-062ST	5/8	.628 – .635	1-1/8	1.115 – 1.124	7/8			
A 7Z 7-068ST	11/16	.691 – .698	1-3/16	1.178 – 1.187	15/16	.125	± .005	.427 – .447
A 7Z 7-075ST	3/4	.753 – .760	1-1/4	1.240 – 1.249	1			
A 7Z 7-081ST	13/16	.816 – .823	1-5/16	1.303 – 1.312	1-1/16			
A 7Z 7-087ST	7/8	.878 – .885	1-3/8	1.365 – 1.374	1-1/8	.125	± .005	.427 – .447
A 7Z 7-093ST	15/16	.941 – .950	1-9/16	1.551 – 1.562	1-1/4			
A 7Z 7-100ST	1	1.003 – 1.012	1-5/8	1.613 – 1.624	1-5/16			
A 7Z 7-112ST	1-1/8	1.128 – 1.137	1-3/4	1.738 – 1.749	1-7/16	.125	± .005	.427 – .447
A 7Z 7-125ST	1-1/4	1.253 – 1.262	1-7/8	1.863 – 1.874	1-9/16			
A 7Z 7-150ST	1-1/2	1.503 – 1.512	2-1/8	2.113 – 2.124	1-13/16			

Catalog Number Ref. (Complete Bearing Set)	No. of Balls	Size of Balls ± .0001	Load Rating lb.		Additional Bearing Components Used on Complete Thrust Bearing	
			15 rpm	100 rpm	Retainer & Balls	Washer
A 7Z 7-012ST	6	.0938	84	44	A 7M 7-012ST	A 7Y 7-012
A 7Z 7-018ST	7		88	48	A 7M 7-018ST	A 7Y 7-018
A 7Z 7-025ST	8		92	49	A 7M 7-025ST	A 7Y 7-025
A 7Z 7-031ST	9		95	40	A 7M 7-031ST	A 7Y 7-031
A 7Z 7-037ST	6	.1250	123	65	A 7M 7-037ST	A 7Y 7-037
A 7Z 7-043ST	7		133	70	A 7M 7-043ST	A 7Y 7-043
A 7Z 7-050ST	8		140	74	A 7M 7-050ST	A 7Y 7-050
A 7Z 7-056ST	9		149	79	A 7M 7-056ST	A 7Y 7-056
A 7Z 7-062ST	6	.1563	175	93	A 7M 7-062ST	A 7Y 7-062
A 7Z 7-068ST	7		191	101	A 7M 7-068ST	A 7Y 7-068
A 7Z 7-075ST	8		205	108	A 7M 7-075ST	A 7Y 7-075
A 7Z 7-081ST	9		220	116	A 7M 7-081ST	A 7Y 7-081
A 7Z 7-087ST	10	.1875	196	122	A 7M 7-087ST	A 7Y 7-087
A 7Z 7-093ST	9		268	143	A 7M 7-093ST	A 7Y 7-093
A 7Z 7-100ST	10		321	170	A 7M 7-100ST	A 7Y 7-100
A 7Z 7-112ST	12		352	187	A 7M 7-112ST	A 7Y 7-112
A 7Z 7-125ST	14	.1875	381	202	A 7M 7-125ST	A 7Y 7-125
A 7Z 7-150ST			365	194	A 7M 7-150ST	A 7Y 7-150

**NOTE:** Load rating @ 900 rpm approximately 50% of those @ 100 rpm. Other data available.

5-82  
D820

REV:  
4/20/23

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