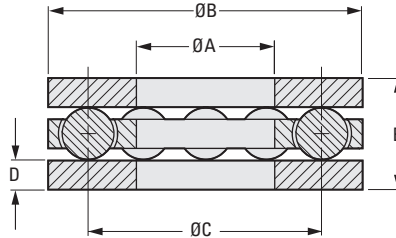


► MATERIAL:

- Balls** - S.A.E 1018 Steel, Hardened to Rc 60 Min.
- Retainer** - Molded Nylon, for 250°F Max.
- Washer** - CR1075 Steel, Hardened to Rc 59-61

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INCH COMPONENT

Catalog Number (Complete Bearing Set)	A Dia.		B		C Ball Circle Dia.	D Washer		E Total Bearing Thickness
	Bore	Tolerance	O.D.	Tolerance		Thk.	Tolerance	
A 7Z 7-012	1/8	.128 – .133	7/16	.430 – .437	9/32	.050	± .002	.190 – .196
A 7Z 7-018	3/16	.191 – .195	1/2	.492 – .499	11/32			
A 7Z 7-025	1/4	.253 – .258	9/16	.555 – .562	13/32	.062	± .002	.254 – .253
A 7Z 7-031	5/16	.316 – .321	5/8	.617 – .624	15/32			
A 7Z 7-037	3/8	.378 – .383	13/16	.805 – .812	19/32	.093	± .003	.336 – .348
A 7Z 7-043	7/16	.441 – .446	7/8	.867 – .874	21/32			
A 7Z 7-050	1/2	.503 – .508	15/16	.930 – .937	23/32	.125	± .005	.427 – .447
A 7Z 7-056	9/16	.566 – .571	1	.992 – .999	25/32			
A 7Z 7-062	5/8	.628 – .635	1-1/8	1.115 – 1.124	7/8	.125	± .005	.427 – .447
A 7Z 7-068	11/16	.691 – .698	1-3/16	1.178 – 1.187	15/16			
A 7Z 7-075	3/4	.753 – .760	1-1/4	1.240 – 1.249	1	.125	± .005	.427 – .447
A 7Z 7-081	13/16	.816 – .823	1-5/16	1.303 – 1.312	1-1/16			
A 7Z 7-087	7/8	.878 – .885	1-3/8	1.365 – 1.374	1-1/8	.125	± .005	.427 – .447
A 7Z 7-093	15/16	.941 – .950	1-9/16	1.551 – 1.562	1-1/4			
A 7Z 7-100	1	1.003 – 1.012	1-5/8	1.613 – 1.624	1-5/16	.125	± .005	.427 – .447
A 7Z 7-112	1-1/8	1.128 – 1.137	1-3/4	1.738 – 1.749	1-7/16			
A 7Z 7-125	1-1/4	1.253 – 1.262	1-7/8	1.863 – 1.874	1-9/16	.125	± .005	.427 – .447
A 7Z 7-150	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 lbf		Additional Bearing Components Used on Complete Thrust Bearing	
			15 rpm	100 rpm	Retainer & Balls	Washer
A 7Z 7-012	6	.0938	120	63	A 7M 7-012	A 7Q 7-012
A 7Z 7-018	7		126	70	A 7M 7-018	A 7Q 7-018
A 7Z 7-025	8		131	69	A 7M 7-025	A 7Q 7-025
A 7Z 7-031	9	.1250	136	72	A 7M 7-031	A 7Q 7-031
A 7Z 7-037	6		175	93	A 7M 7-037	A 7Q 7-037
A 7Z 7-043	7		190	101	A 7M 7-043	A 7Q 7-043
A 7Z 7-050	8	.1563	201	106	A 7M 7-050	A 7Q 7-050
A 7Z 7-056	9		213	113	A 7M 7-056	A 7Q 7-056
A 7Z 7-062	6		251	133	A 7M 7-062	A 7Q 7-062
A 7Z 7-068	7	.1875	273	145	A 7M 7-068	A 7Q 7-068
A 7Z 7-075	8		293	155	A 7M 7-075	A 7Q 7-075
A 7Z 7-081	9		314	166	A 7M 7-081	A 7Q 7-081
A 7Z 7-087	10	.1875	328	174	A 7M 7-087	A 7Q 7-087
A 7Z 7-093	9		384	204	A 7M 7-093	A 7Q 7-093
A 7Z 7-100	10		459	243	A 7M 7-100	A 7Q 7-100
A 7Z 7-112	12	.1875	504	267	A 7M 7-112	A 7Q 7-112
A 7Z 7-125	14		545	289	A 7M 7-125	A 7Q 7-125
A 7Z 7-150	14		522	277	A 7M 7-150	A 7Q 7-150

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

5-83
D820

REV:
4/20/23

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