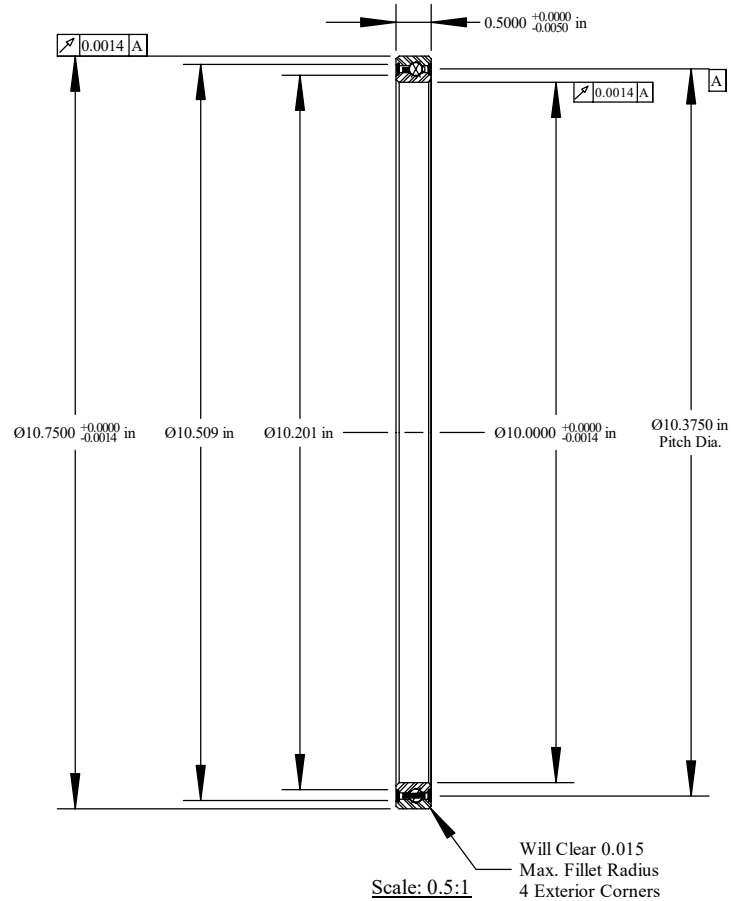
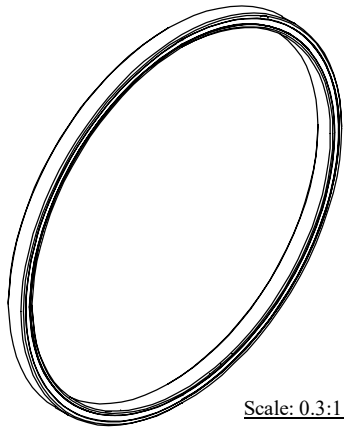
Cage Code: 704Q7

RevNo	Revision note	Date	Signature	Checked



Scale: 0.5:1



Scale: 0.3:1

	OUTER	INNER	SEPARATOR	BALL
MATERIAL	52100	52100	BRASS	52100
HARDNESS	Rc 59-62	Rc 59-62		
RACE RUN-OUT	OUTER	INNER		

ABEC RATING	PRELOAD	ROLLING ELEMENT QUANTITY	ROLLING ELEMENT SIZE
1	N/A	83	3/16

RADIAL LOAD	THRUST LOAD	MOMENT LOAD
DYNAMIC: 2364 Lbs. STATIC: 4990 Lbs.	DYNAMIC: 3930 Lbs. STATIC: 12,470 Lbs.	DYNAMIC: 9201 Lbs.-in. STATIC: 25,880 Lbs.-in.

RADIAL PLAY	CONTACT ANGLE	LIMITING SPEED
0.0028 0.0038	30°	200 RPM

LUBRICATION	SEAL	BEARING WEIGHT
Mobil 28	2 - Buna N Rubber	1.31 Lbs.

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES

Designed by	Checked by	
ML	ML	This drawing and the information contained herein are proprietary and the propertyof Ritbearing Corporation.

RJU100XP0	Radial Thin Section Ball Bearing		
File name RJU100XP0	Date June 26, 2017	REVISION A	Sheet 1 of 1