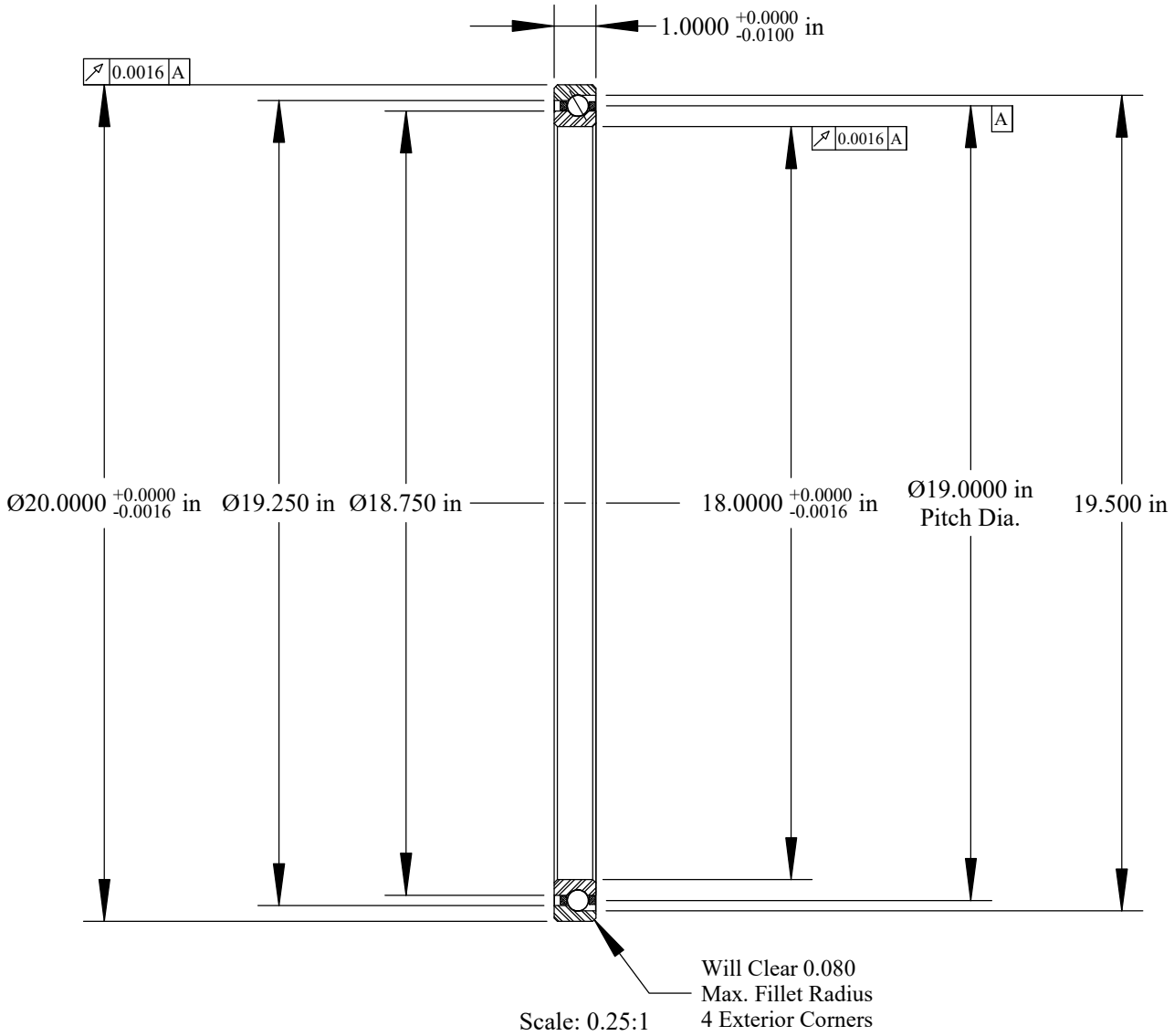
Cage Code: 704Q7

RevNo	Revision note	Date	Signature	Checked



Scale: 0.25:1

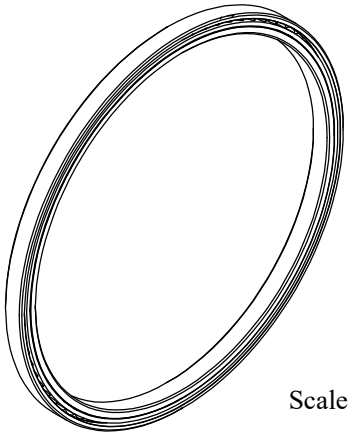
	OUTER	INNER	SEPARATOR	BALL
MATERIAL	52100	52100	BRASS	52100
HARDNESS	Rc 59-62	Rc 59-62		
RACE RUN-OUT	OUTER	INNER		

ABEC RATING	PRELOAD	ROLLING ELEMENT QUANTITY	ROLLING ELEMENT SIZE
1	N/A	76	1/2

RADIAL LOAD	THRUST LOAD	MOMENT LOAD
DYNAMIC: 12,700 Lbs. STATIC: 36,015 Lbs.	DYNAMIC: 33,200 Lbs. STATIC: 103,968 Lbs.	N/A

RADIAL PLAY	CONTACT ANGLE	LIMITING SPEED
N/A	30°	1000 RPM

LUBRICATION	SEAL	BEARING WEIGHT
LIGHT OIL PRESERVATIVE	N/A	13.80 Lbs.



Scale: 0.125:1

Corporate Headquarters
15151 Prater Drive
Covington, GA 30014
(800) 431-1980
www.ritbearing.com

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.

RG180AR0	Angular Contact Thin Section Ball Bearing	
File name RG180AR0	Date December 16, 2020	REVISION A / Sheet 1 of 1