3D Model is the Master Document of Record
Article or Material Must Conform to REACH Procedure SI900000 Sec.14
Article or Material Must Conform to ROHS Procedure SI900000 Sec.13
Part Must Conform to SI900000 Sec.4 Toxicity Procedure
Geometric Dimensioning & Tolerancing as per ASME Y14.5-2009

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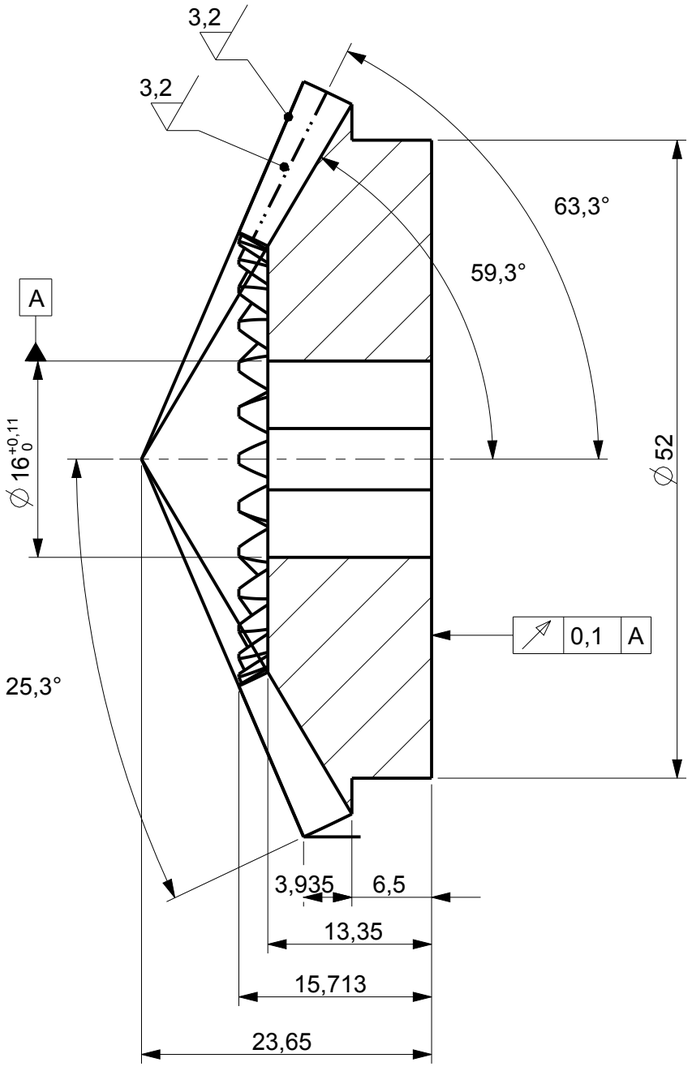
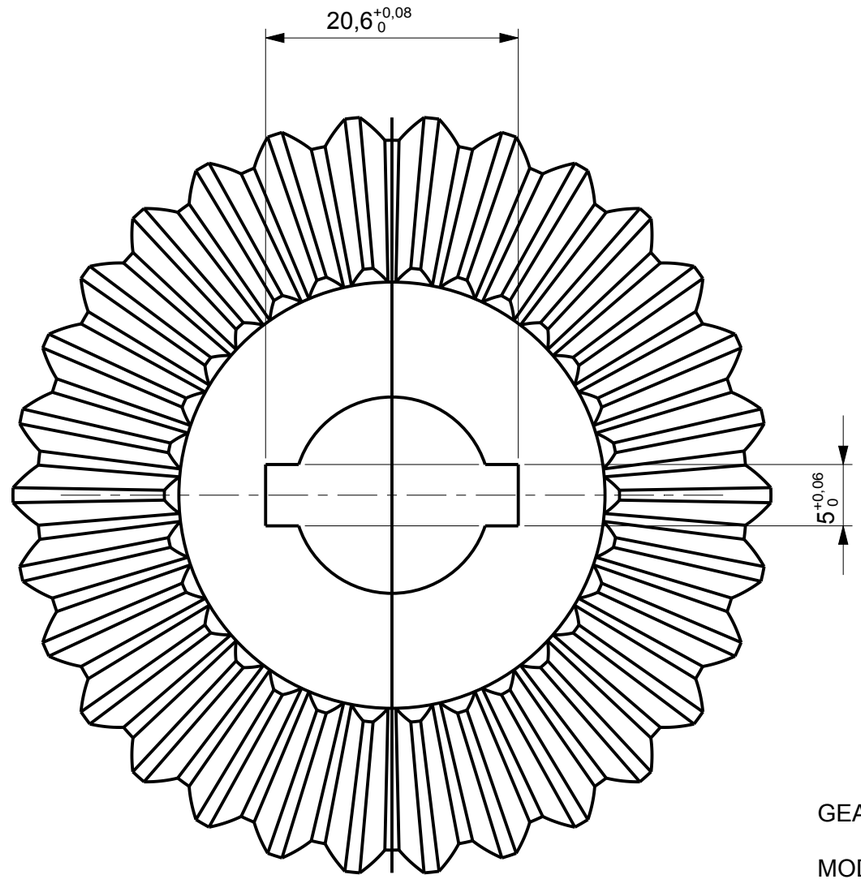
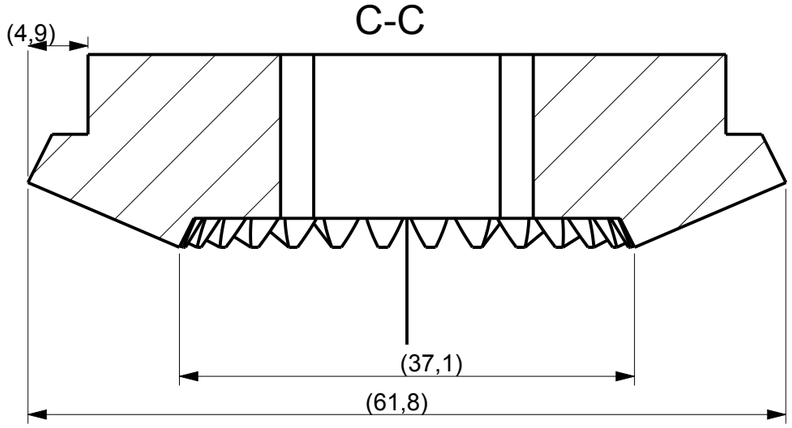
METRIC



SECTION A-A
SCALE 2:1



C-C



GEAR PARAMETERS:

MODULE 2
NUMBER OF TEETH 30
PRESSURE ANGLE 20°
STANDARD PITCH DIAMETER 59.6
REFERENCE CONE ANGLE 63.3°
ROOT ANGLE 58.3°
CONE DISTANCE 33.6
MODIFICATION COEFFIECIENT OF TANGENTIAL 0.085
MODIFICATION COEFFIEICIENT OF NORMAL xn=0.35
GRADE OF PRECISION 9 (GB/T10095)
TOOTH THICKNESS 13.4
WHOLE DEPTH OF TOOTH 4.35
CROSSED AXIS ANGLE 90°
PAIRED GEAR TEETH NUMBER 15
PAIRED GEAR PART NUMBER 8603866767P

NOTES:

1.UNSPECIFIED TOLERANCE ACCORDING TO GB1804-m OR ISO2768-M
2.HEATTREMENT HB260-300
FINISH:
QPQ TREATMENT SURFACE HARNESS > $HV^{0.98}$700

First Angle Projection

	DRAWING FILE 8603866793P	MODEL FILE 8603866793P	GE Industrial Solutions	
	DATE MODIFIED 22-Dec-17 12:56:34 AM	DESIGNED BY Liqiang.Wang		
Calculated for: VOLUME mm3	CN# C038551	APPROVED BY JIFENG.FENG	TITLE BEVEL GEAR NEW ZTG/S/E 3000A	
	◇ Critical to Quality Characteristic			
MASS kg	MATERIAL SPECIFICATION 40Cr	FINISH SPECIFICATION	UNITS mm	LOCAL TITLE
UNLESS OTHERWISE SPECIFIED	MATERIAL DESCRIPTION 40Cr STEEL OR ATSM 5140 STEEL		SIZE A3	ROOT NUMBER 8603866793P / REV 1 / RELEASE STATE Released
	FINISH DESCRIPTION		SCALE 1:1	PRODUCT LINE / SHEET 1 of 1

METRIC

us_1st_a3.frm