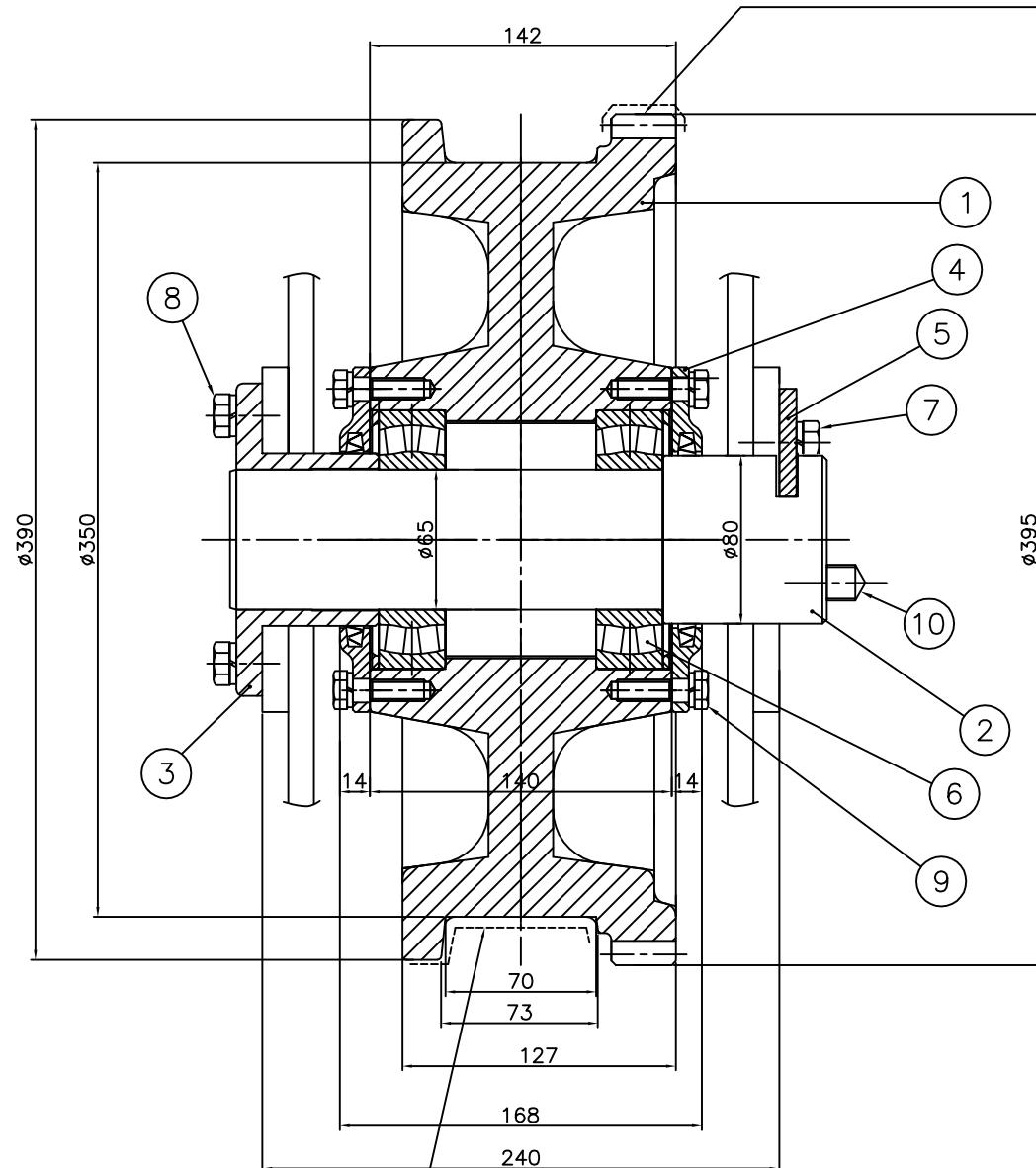
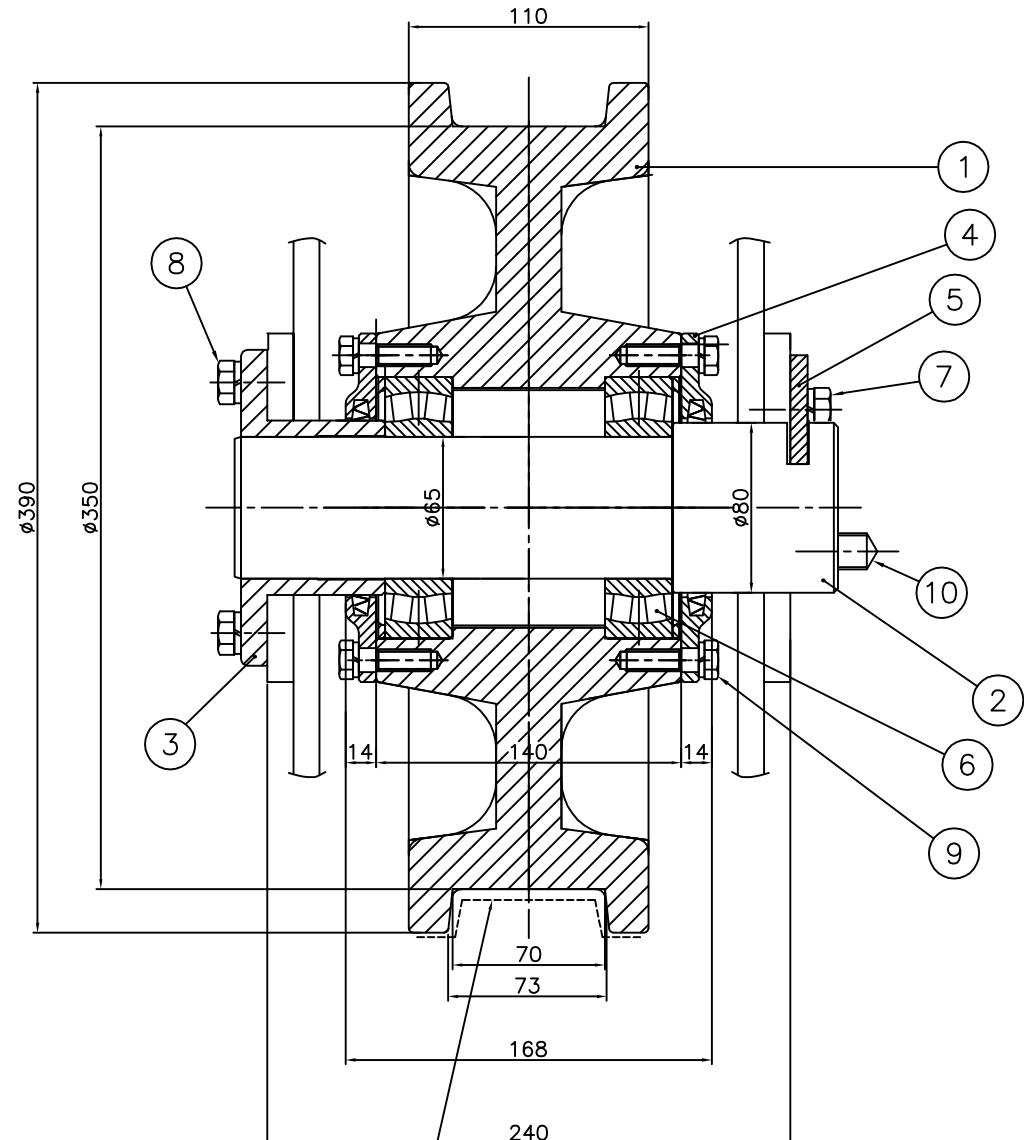


GEAR TEETH HIGH FREQUENCY HEAT TREATMENT(高周波熱處理)  
HARDNESS : HS 55~65



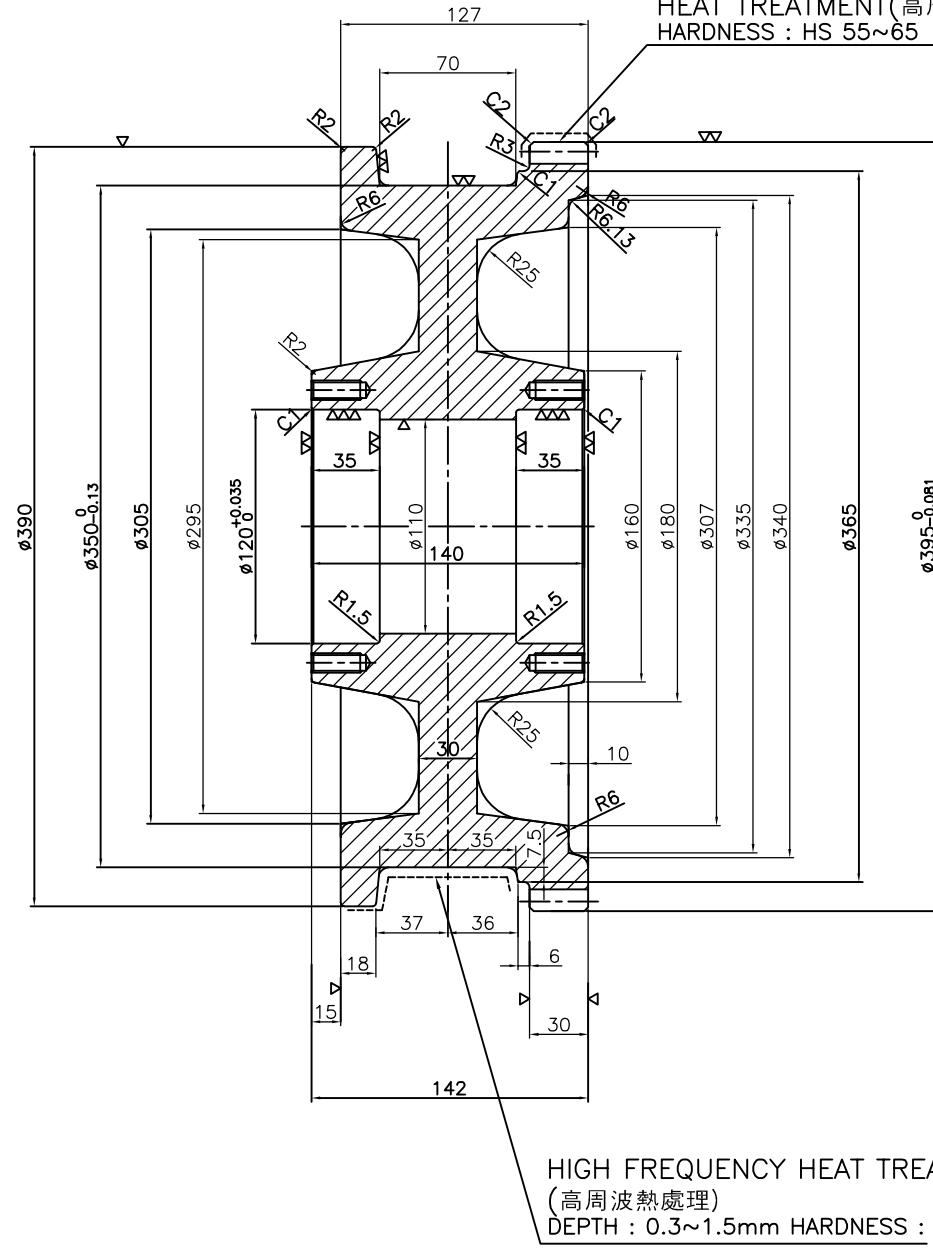
NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT	TOTAL WEIGHT KG	REMARKS
10	GREASE NIPPLE	PUR-CHASE		2			PT 3/8"
9	BOLT.SW	4T		24			M10x30
8	BOLT.SW	4T		8			M12x25
7	BOLT.SW	4T		4			M12x20
6	BEARING	PUR-CHASE		4			#22213
5	KEY PLATE	SS400		2			GFK-19-K
4	BEARING COVER	FC20		4			GFK-19-315-BC
3	COLLAR	FCD40		2			GFK-19-315-C
2	SHAFT	S45CN		2			GFK-19-315-S
1	DRIVING WHEEL	SCMn2A		2			GFK-19-350-DW
ASS'Y OF DRIVING WHEEL		1					
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
TITLE	GFK-350Ø DRIVING WHEEL ASS'Y						SCALE N/S
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C				
		SHEET NO.	SHEET NO.	GFK-19-350-DWA			



NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			Q'TY			WEIGHT KG	
1	ASS'Y OF FOLLOWING WHEEL	1					
2	GIPFEL KOREA STANDARD						
3	DATE						
4	2024.01						
5	SCALE						
6	N/S						
7	DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.		
8	KIM. J. H				KIM. M. C		
9	SHEET NO.						
10	GIPFEL						
	GFK-19-350-FWA						

$$\sim (\nabla \quad , \nabla\nabla \quad , \quad \nabla\nabla\nabla \quad )$$

GEAR TEETH HIGH FREQUENCY  
HEAT TREATMENT(高周波熱處理)  
HARDNESS : HS 55~65



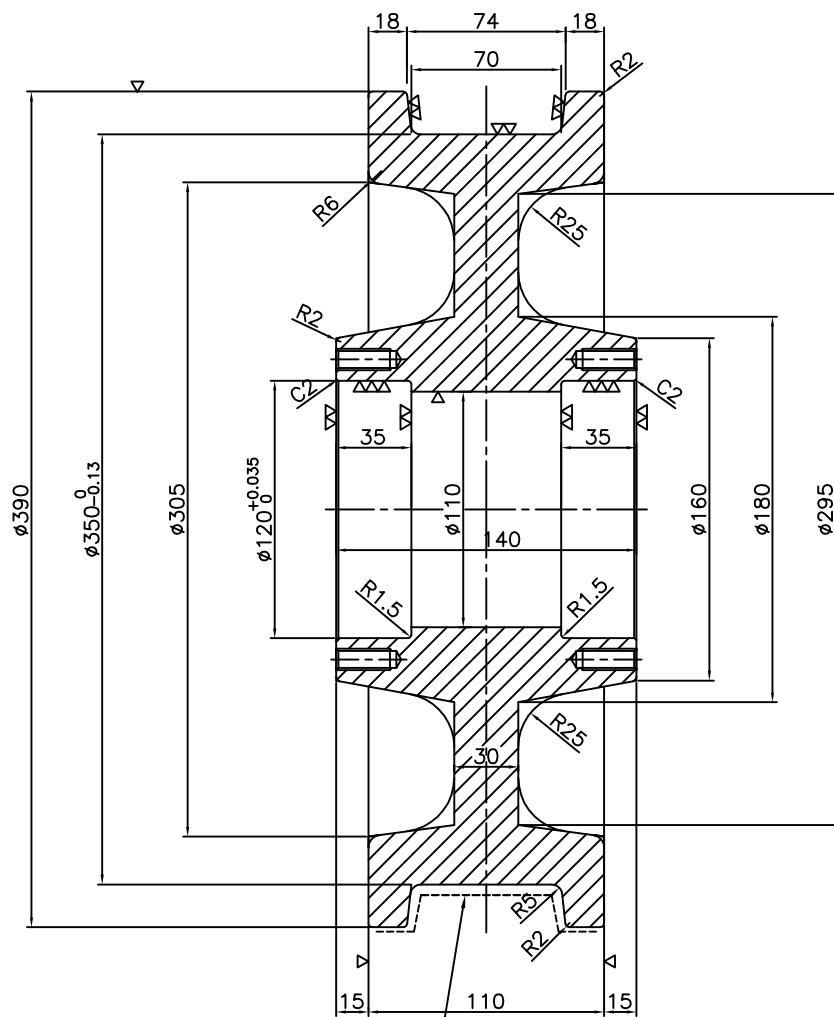
MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163

2X6-M10 TAP  
DEPTH 20

GEAR SPECIFICATION	
MODULE	5
PRESSURE ANGLE	20°
NO. OF TEETH	77T
D.O.G.N OF TEETH	9T)130.857 <sup>0.1</sup> <sub>-0.3</sub>
P.C.D	Ø385

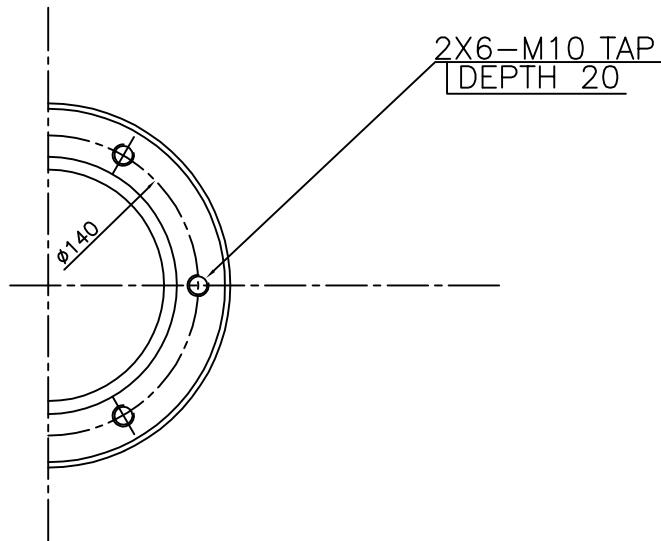
1	DRIVING WHEEL	SCMn2A	1	2			
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QT'Y			WEIGHT KG	
PROJECT	GIPFEL KOREA STANDARD						DATE
							2024.01
TITLE	GFK-350Ø						SCALE
	DRIVING WHEEL						1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM.J.H			KIM.M.C				
 <b>GIPFEL</b>			SHEET NO.	SHEET NO.			
				GFK-19-350-DW			

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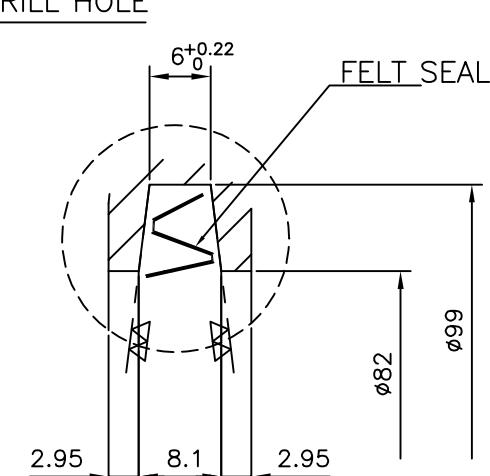
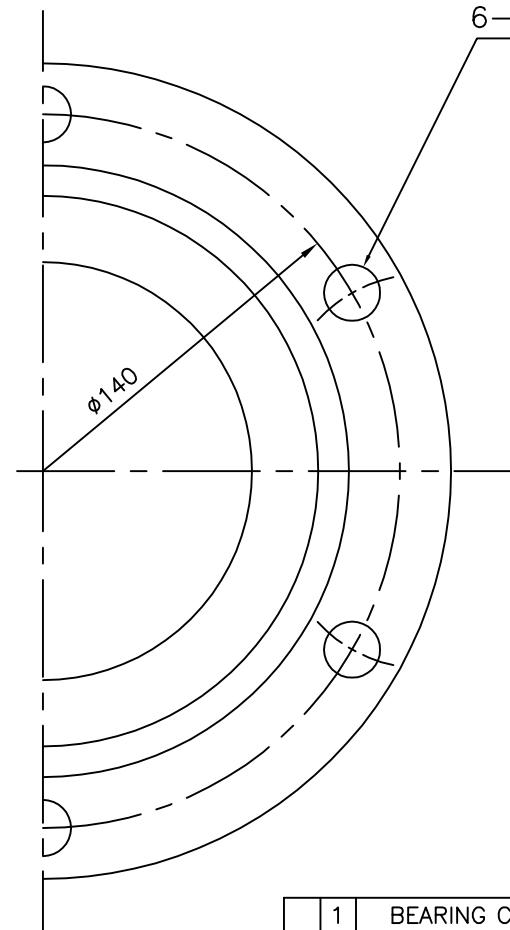
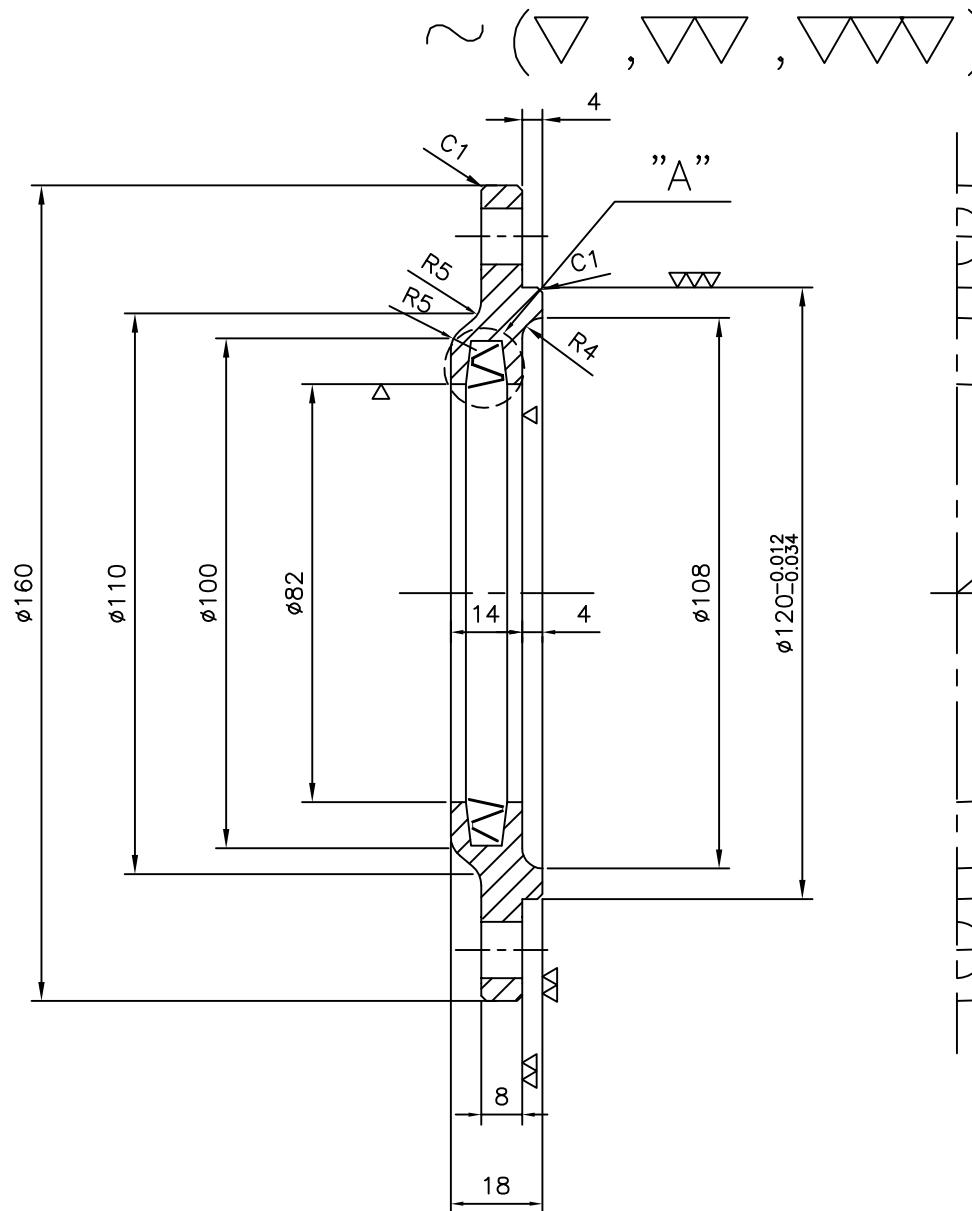


HIGH FREQUENCY HEAT TREATMENT  
(高周波熱處理)  
DEPTH : 0.3~1.5mm HARDNESS : HS 45~55

MATERIAL SPECIFICATION					
Material	JIS G 5111 SCMn2A				
Material Composition	C	Si	Mn	P	S
	0.25~0.35	0.30~0.60	1.00~1.60	0.040	0.040
Mechanical Specification	Y.P (Yield point)	T.S (Tensile strength)	E.L (Elongation)	R.P (Reduction of area)	HARDNESS
	MPa	MPa	%	%	HB
	Min 345	Min 590	Min 16	Min 35	Min 163



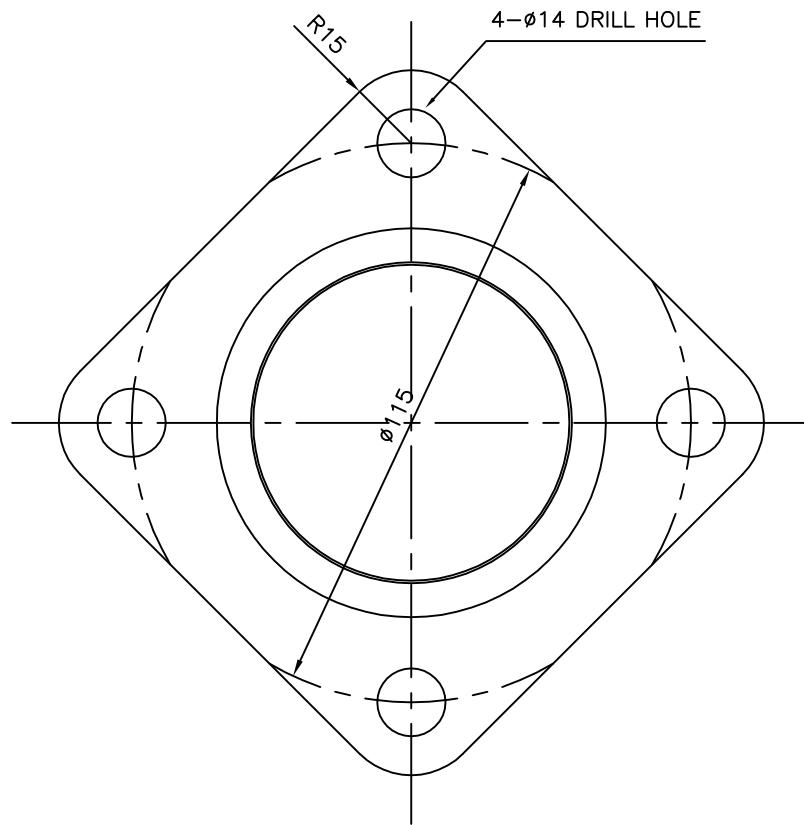
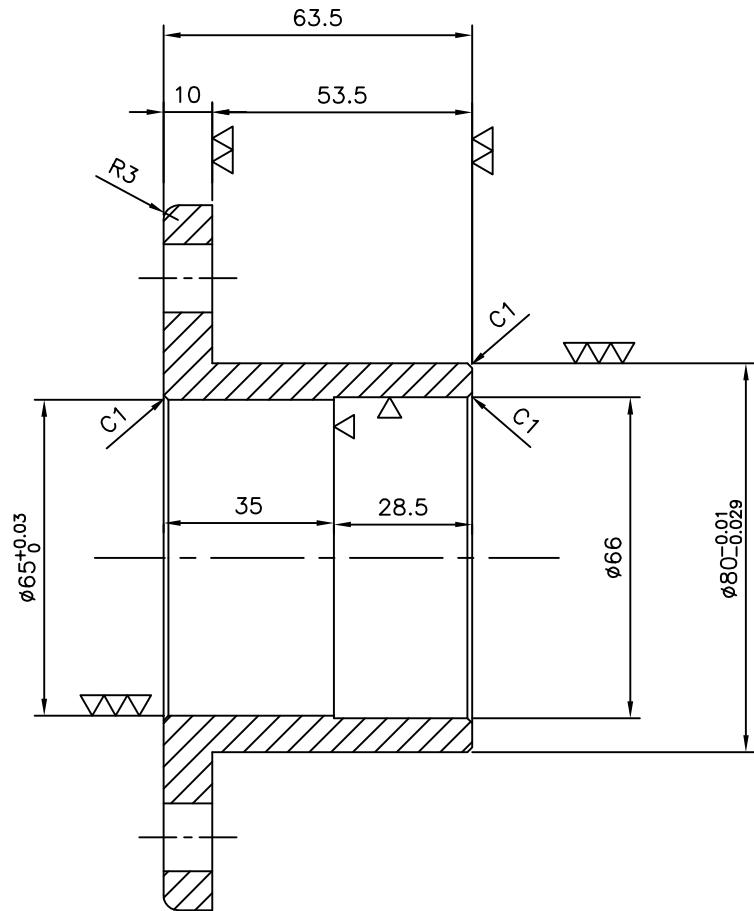
1	FOLLOWING WHEEL	SCMn2A	1	2				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
			QT'Y		WEIGHT	KG		
PROJECT	GIPFEL KOREA STANDARD						DATE	
							2024.01	
TITLE	GFK-350Ø						SCALE	
	FOLLOWING WHEEL						1:1	
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.				
KIM.J.H			KIM.M.C					
 <b>GIPFEL</b>			SHEET NO.	SHEET NO.				
				GFK-19-350-FW				



DETAIL "A"  
SCALE=N/S

NO.	DESCRIPTIONS	MT'L	SET QTY	EA	UNIT	TOTAL WEIGHT KG	REMARKS
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
TITLE	GFK-315 $\phi$ BEARING COVER						SCALE 1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H				KIM. M. C			
 GIPFEL		SHEET NO.	SHEET NO. GFK-19-315-BC				

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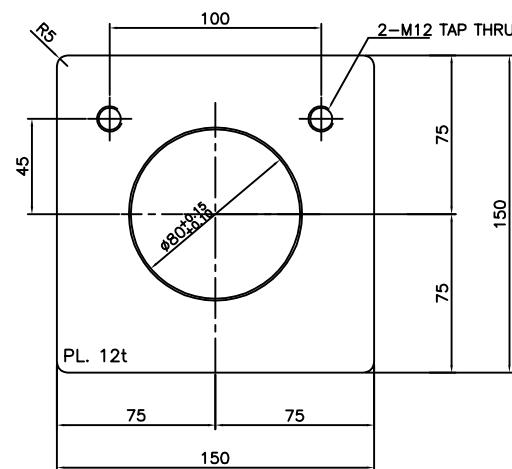
NO.	DESCRIPTIONS	MT'L	1	4	TOTAL	REMARKS	
			SET	EA			
PROJECT	GIPFEL KOREA STANDARD				DATE	2024.01	
TITLE	GFK-315Ø COLLAR				SCALE	1:1	
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H			KIM. M. C		SHEET NO.	GFK-19-315-C	
							

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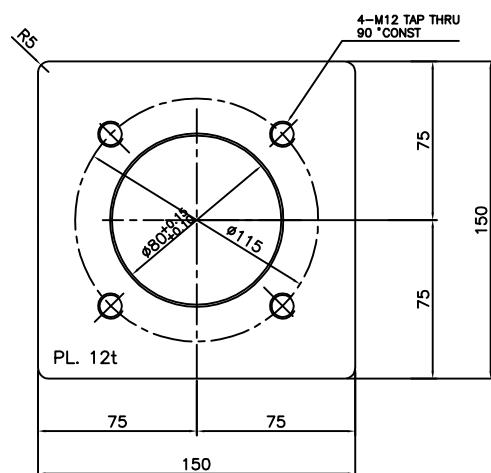
GFK-350Ø

M.P는 별도 설계제작

②



③

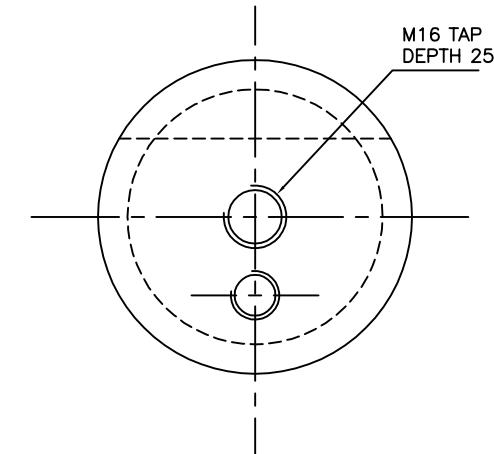
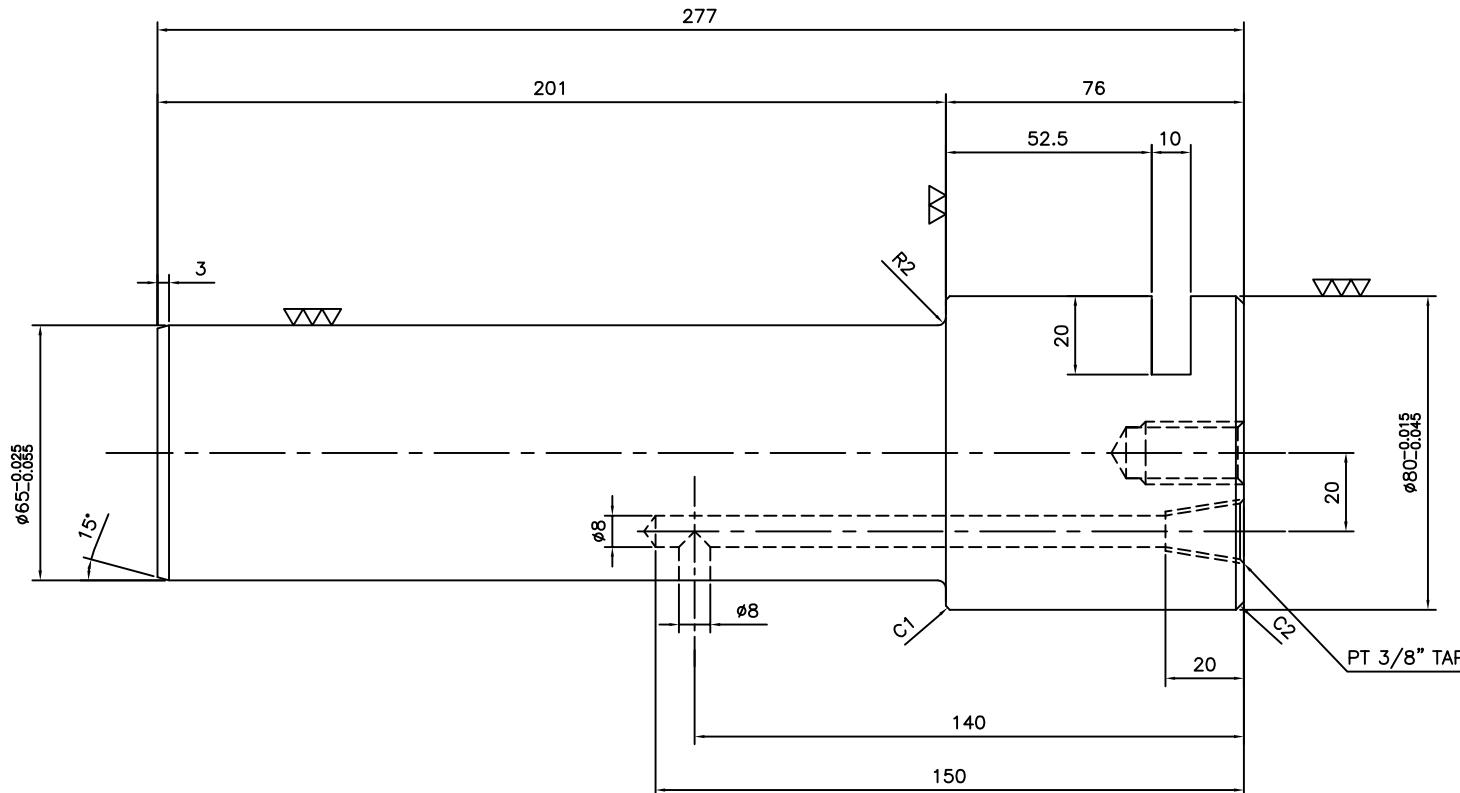


NOTE

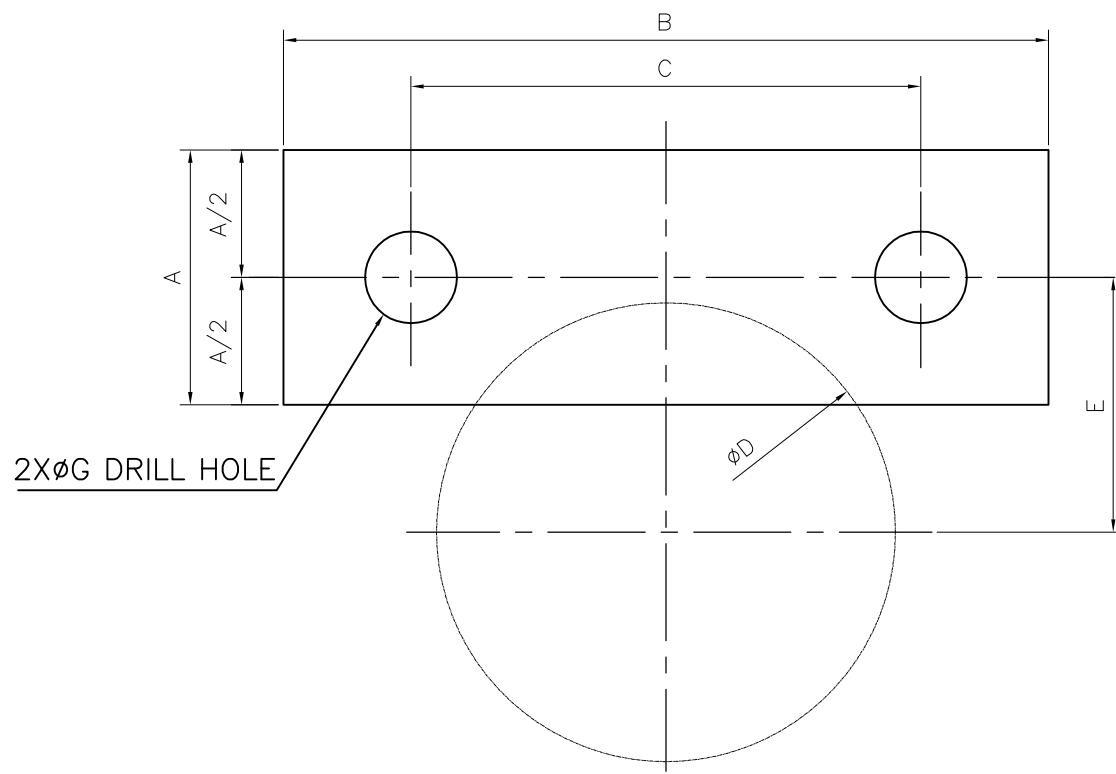
BREAK ALL SHARP EDGES OF HOLE C1

NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS
			QTY			WEIGHT KG	
1	PLATE		1				
2	SHAFT PLATE	SS400		2			12t
1	MOTOR PLATE	SS400		2			12t
3	COLLAR PLATE	SS400		4			12t
PROJECT	GIPFEL KOREA STANDARD						DATE 2024.01
TITLE	GFK-315Ø PLATE						SCALE 1:1
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H				KIM. M. C			
			SHEET NO.	SHEET NO. GFK-19-350-P			

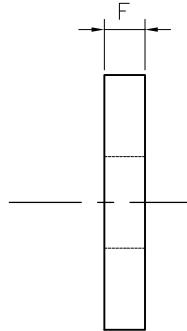
▽ ( ▽▽▽ , ▽▽▽▽▽ )



NO.	DESCRIPTIONS	MT'L	1	SHAFT	S45CN	1	4			REMARKS	
			SET	EA	UNIT	TOTAL	QTY	WEIGHT KG			
PROJECT	GIPFEL KOREA STANDARD								DATE		
									2024.01		
TITLE	GFK-315φ SHAFT								SCALE		
									1:1		
DRAWN	DESIGNED	CHECKED	APPROVED	REF DRAWING.							
KIM. J. H			KIM. M. C								
			SHEET NO.	SHEET NO.			GFK-19-315-S				



WHEEL NOTATION	A	B	C	D	E	F	G
Ø160	38	120	80	60	35	9	14
Ø200	38	120	80	70	40	9	14
Ø250	38	120	80	75	42.5	9	14
Ø315, Ø350	50	150	100	80	45	9	14
Ø400, Ø450	50	150	100	90	50	9	18
Ø500, Ø550	50	170	120	105	57.5	9	18
Ø630	50	170	120	120	65	9	18
Ø710	50	210	150	130	67.5	12	18
Ø800	55	210	150	135	72.5	12	24



1	KEY PLATE	SS400	1	4				
NO.	DESCRIPTIONS	MT'L	SET	EA	UNIT	TOTAL	REMARKS	
PROJECT		GIPFEL KOREA STANDARD						DATE
								2019.10
TITLE		GFK						SCALE
		KEY PLATE						N/S
DRAWN		DESIGNED	CHECKED	APPROVED	REF DRAWING.			
KIM. J. H				KIM. M. C				
		SHEET NO.	SHEET NO.					
			GFK-19-K					