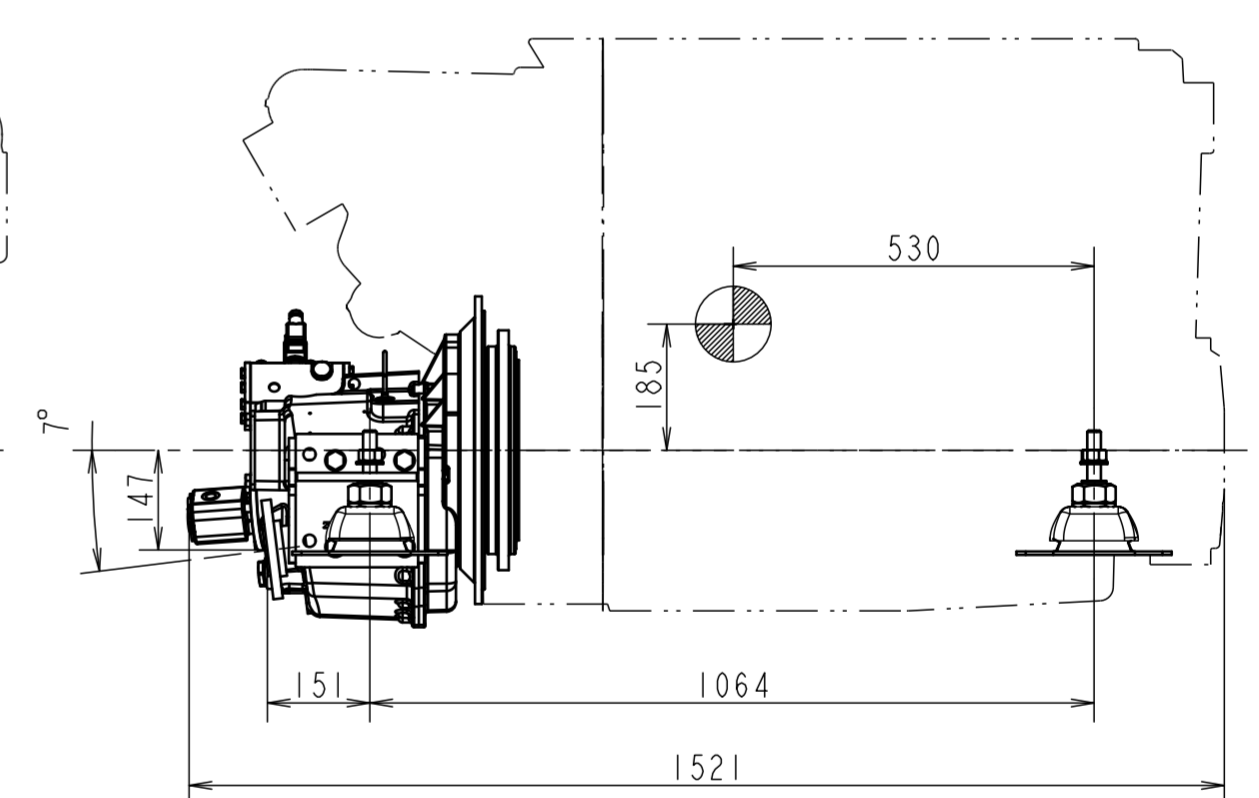
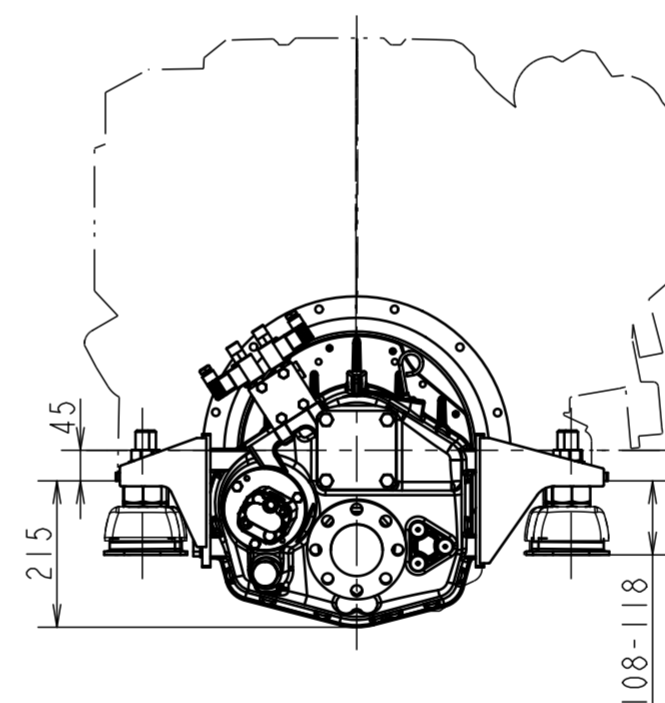
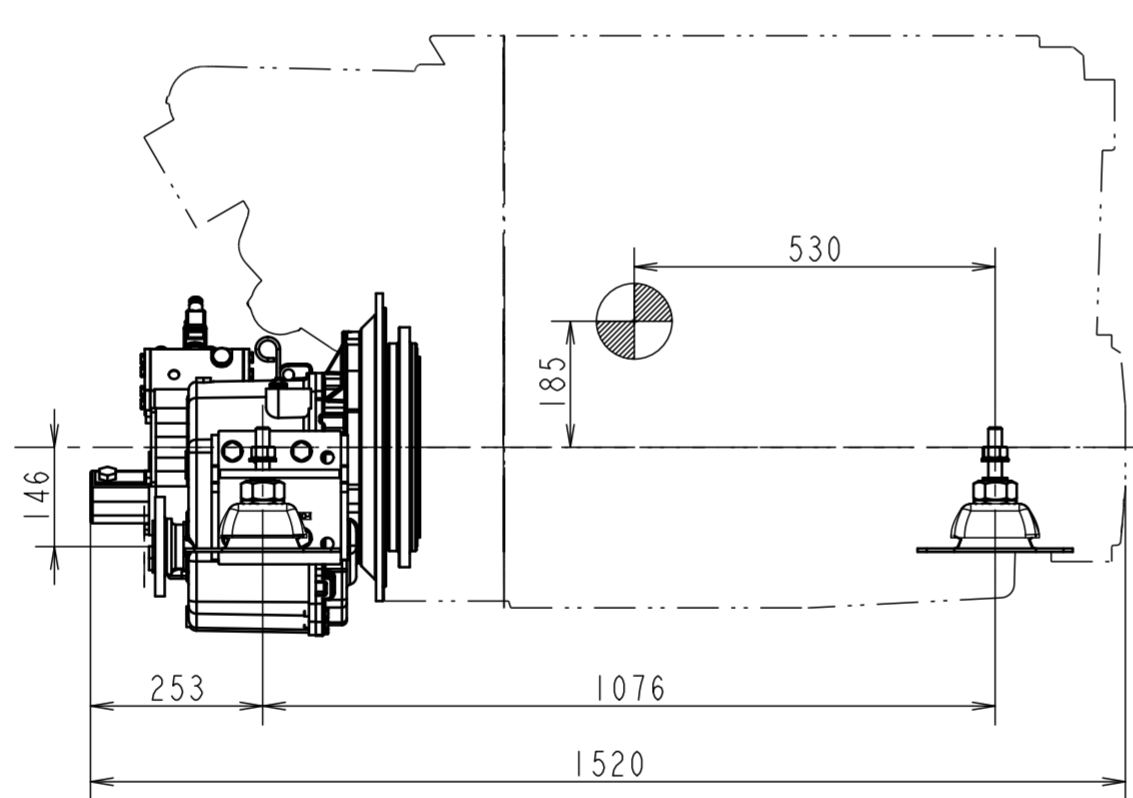
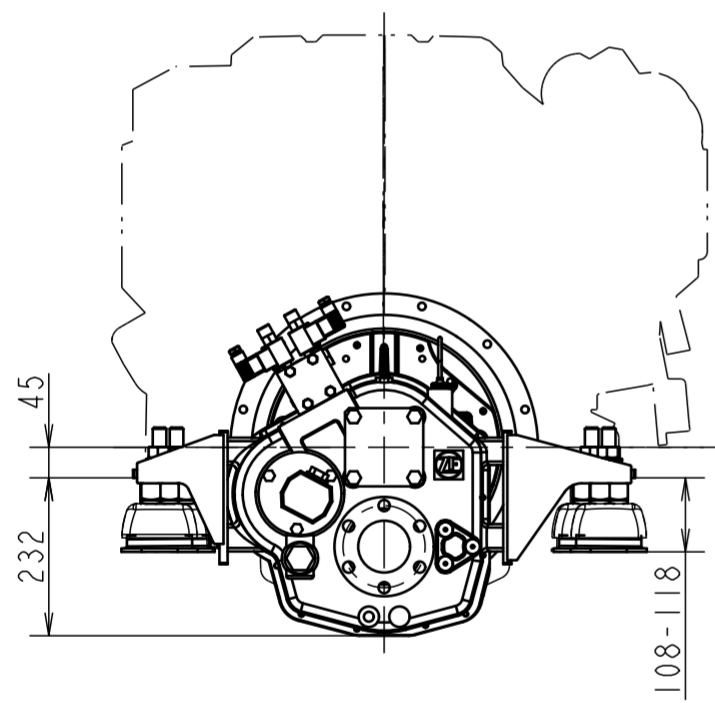
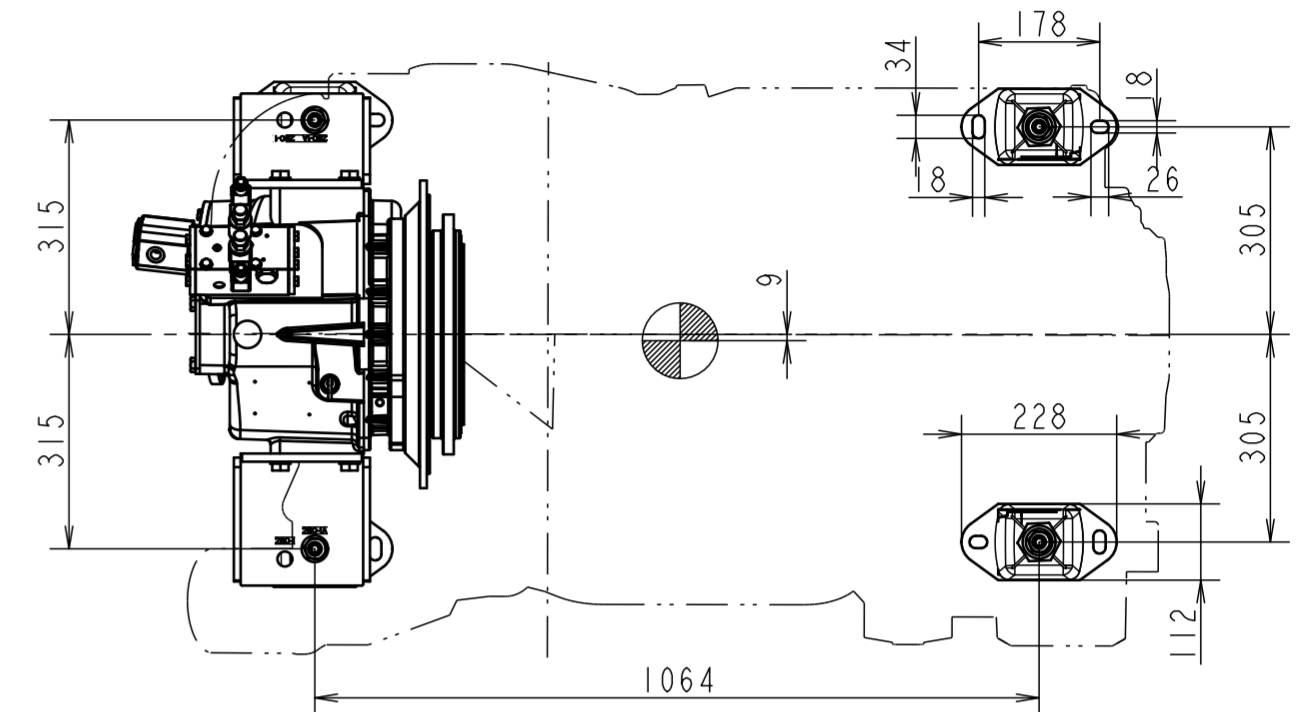
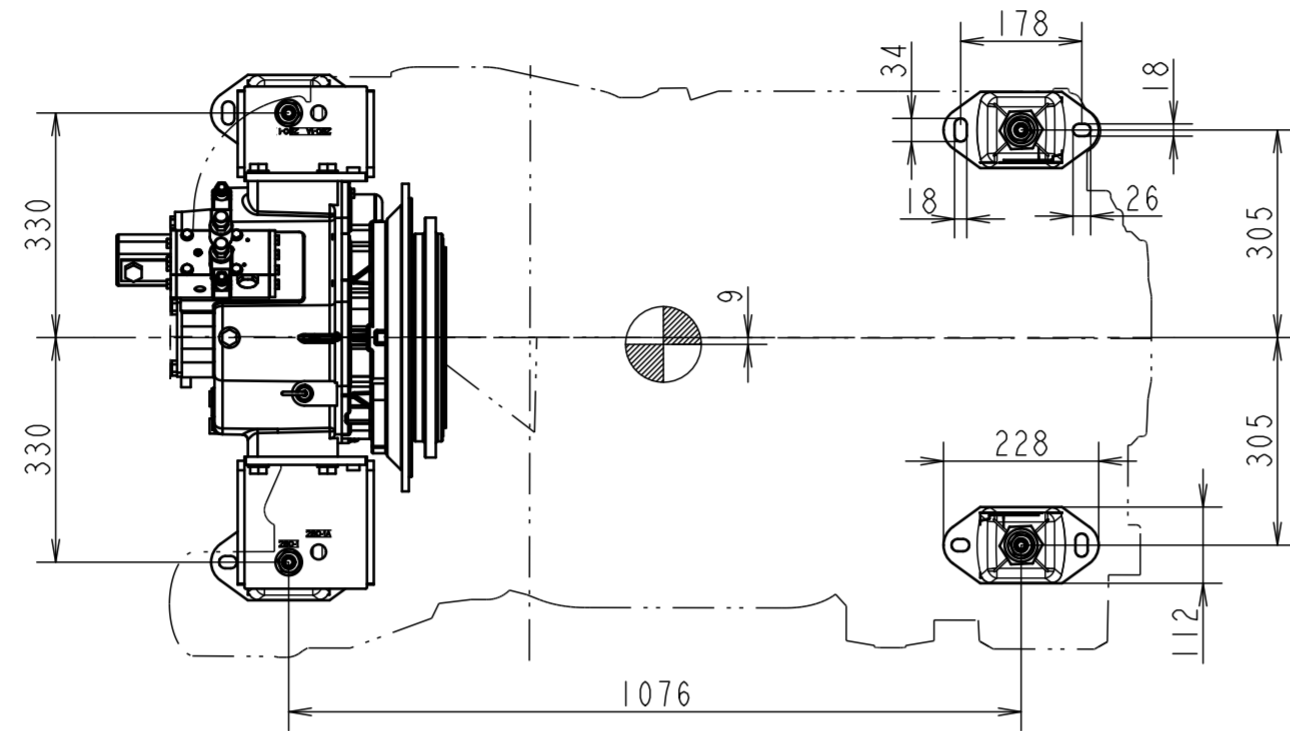


CAREER

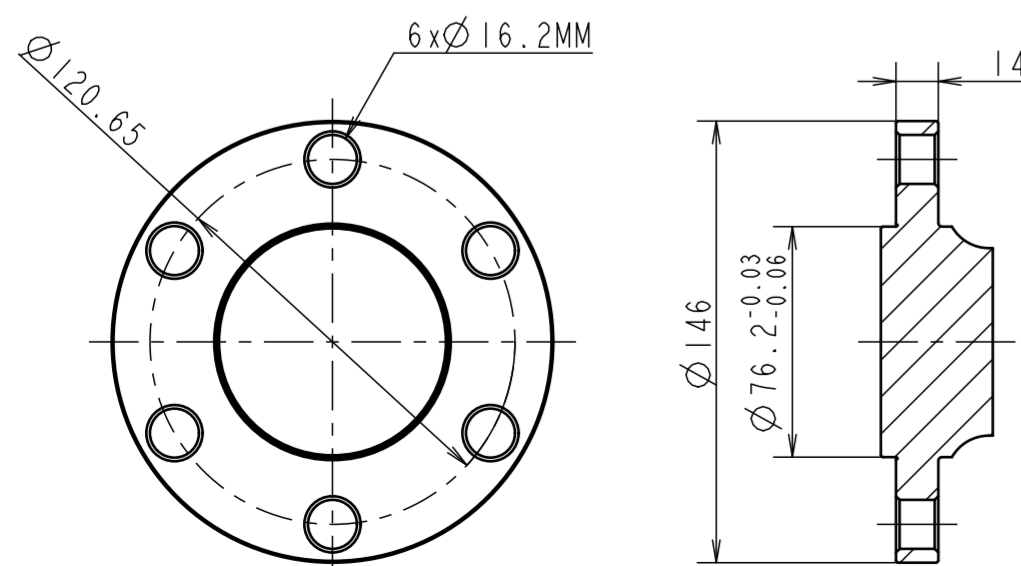


ZF280-1 MARINE GEAR

ZF280-1A MARINE GEAR

SHOWS CENTER OF GRAVITY

NOTE:
1. REFER TO B2-63100-0010 DRAWING FOR DETAIL OF ENGINE.
* SPECIAL ORDER RATIO



SCALE 2:5 DETAIL OF COUPLING ZF280-1(A)

GEAR MODEL	REDUCTION				DRY ENGINE WEIGHT	DIRECTION OF ROTATION (AT OUTPUT COUPLING)
	0.814*	1.000	1.056*	1.139*		
ZF 280-1	1.214*	1.300	1.514*	2.000	853 kg	BOTH
	2.478				853 kg	
	1.118*	1.483	1.769	2.000	853 kg	
ZF280-1A	2.227*	2.476			853 kg	

量産用 FOR MASS PRODUCTION

MANAGER

SEC. MANAGER	MODEL	6LF 485	6LF 530	6LF 550	SCALE	1:10
CHECKED	SPECIALIST	QTY	1	1	MATERIAL	
DESIGNED	DRAWN	DATE: Y.M.D	6LF APPLICATION			
		2021.01.27				
			CODE	B2-63100-0020		
YANMAR MARINE INTERNATIONAL B.V.			DRAW SIZE	A2		

3D-CAD

NOTICE

GEOMETRICAL TOLERANCE

KIND OF TOLERANCE

SYMBOL

FORM

PARALLELISM TOLERANCE

PERPENDICULARITY TOLERANCE

ANGULARITY TOLERANCE

POSITIONAL TOLERANCE

CONCENTRICITY TOLERANCE

SYMMETRY TOLERANCE

RUN-OUT LOCATION ORIENTATION

SYMMETRY TOLERANCE

FORM

PARALLELISM TOLERANCE

PERPENDICULARITY TOLERANCE

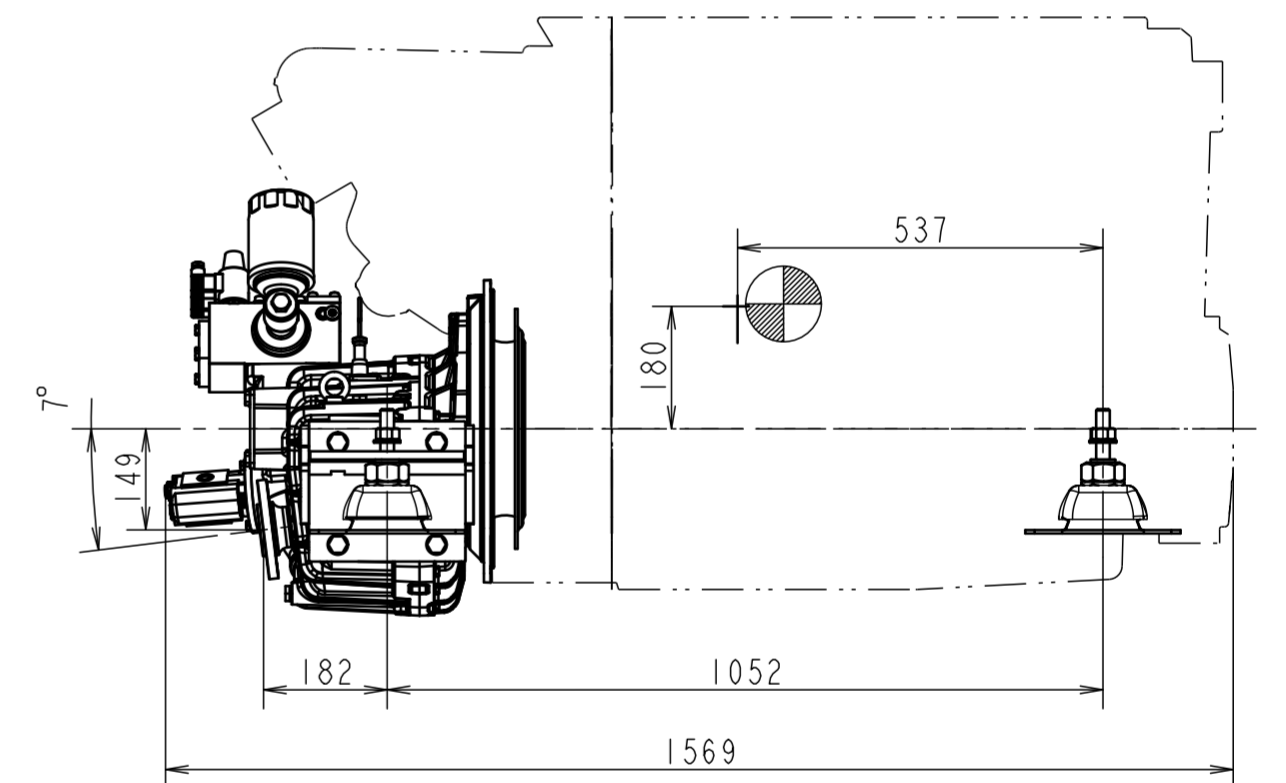
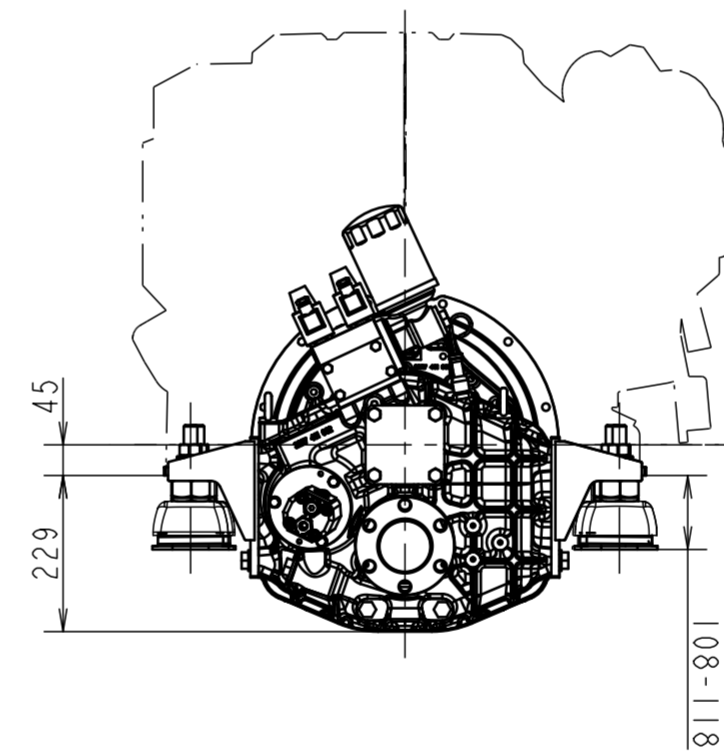
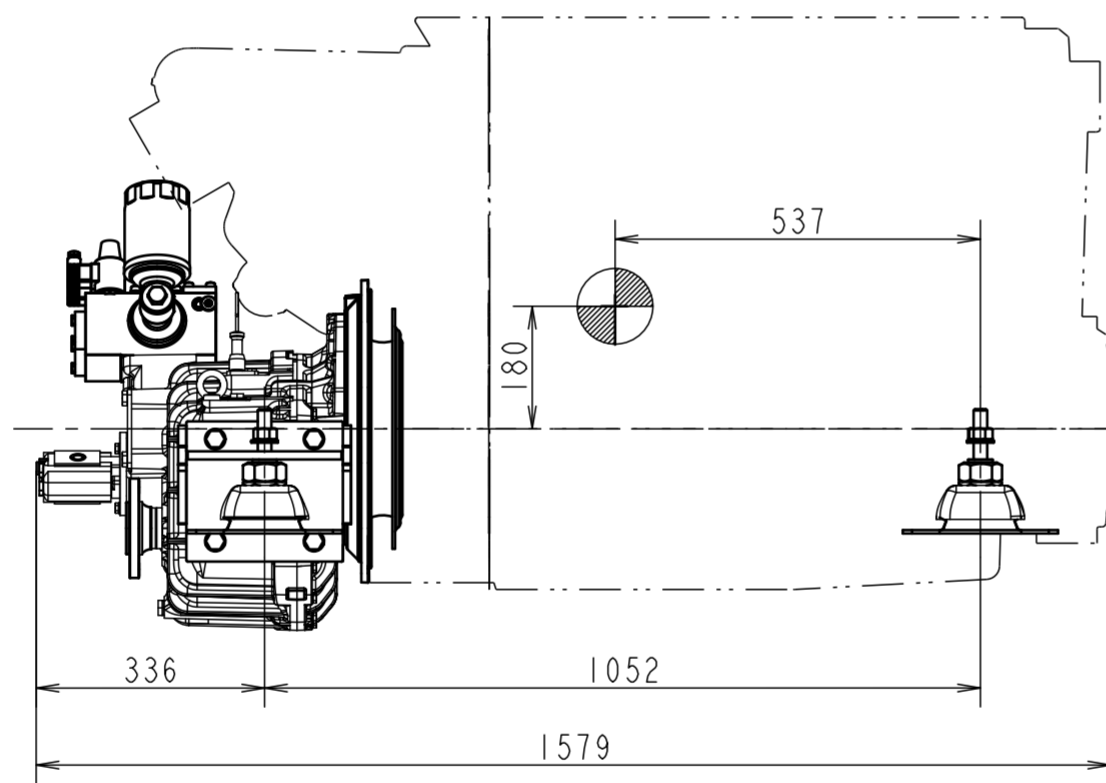
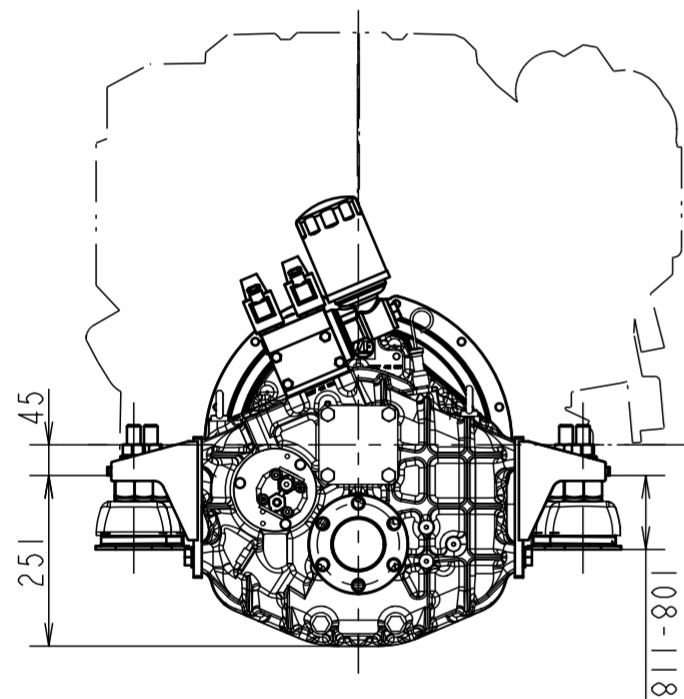
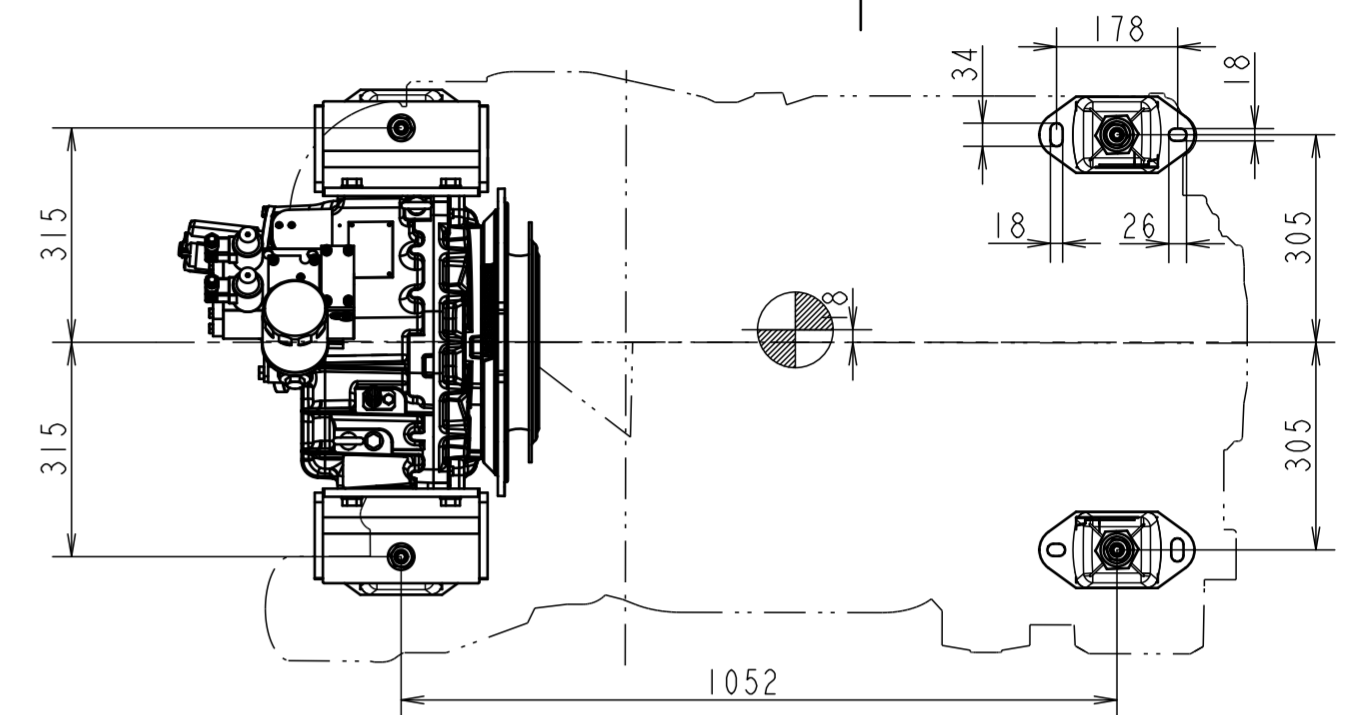
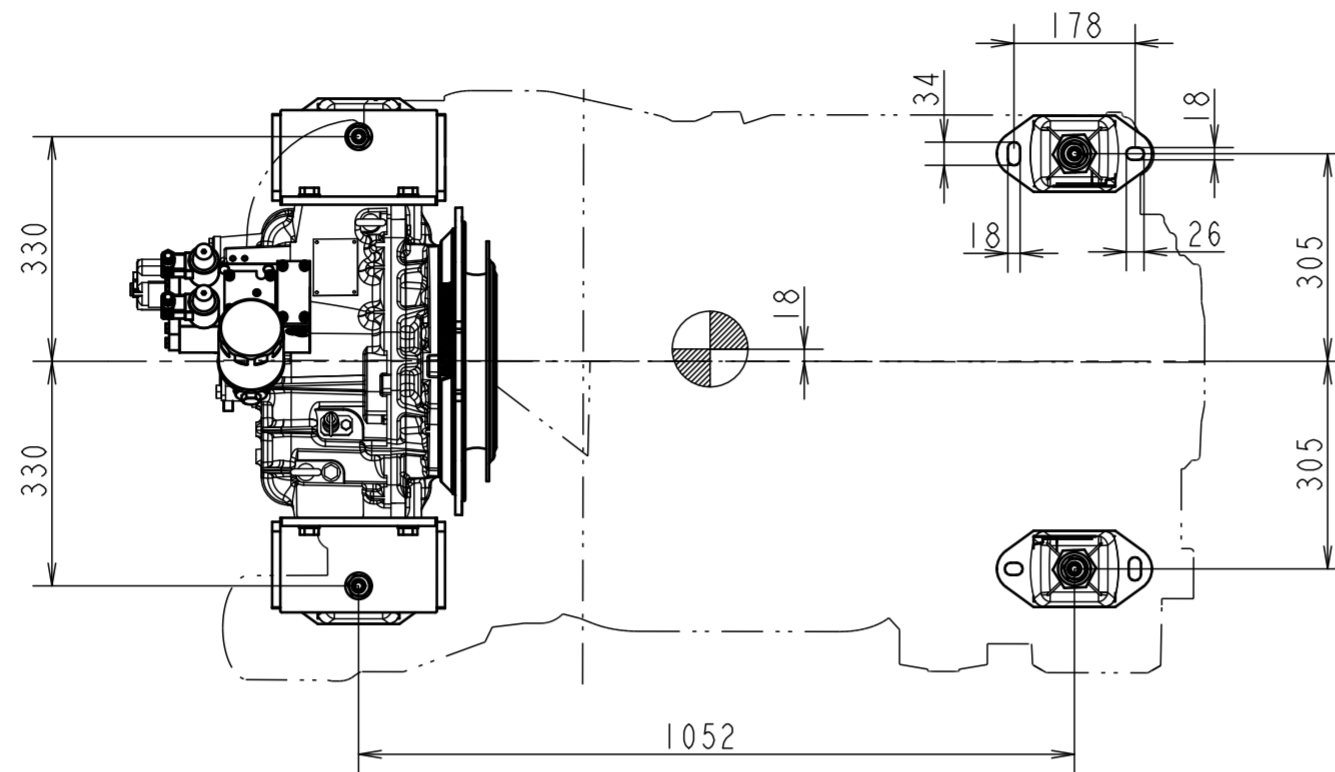
ANGULARITY TOLERANCE

POSITIONAL TOLERANCE

CONCENTRICITY TOLERANCE

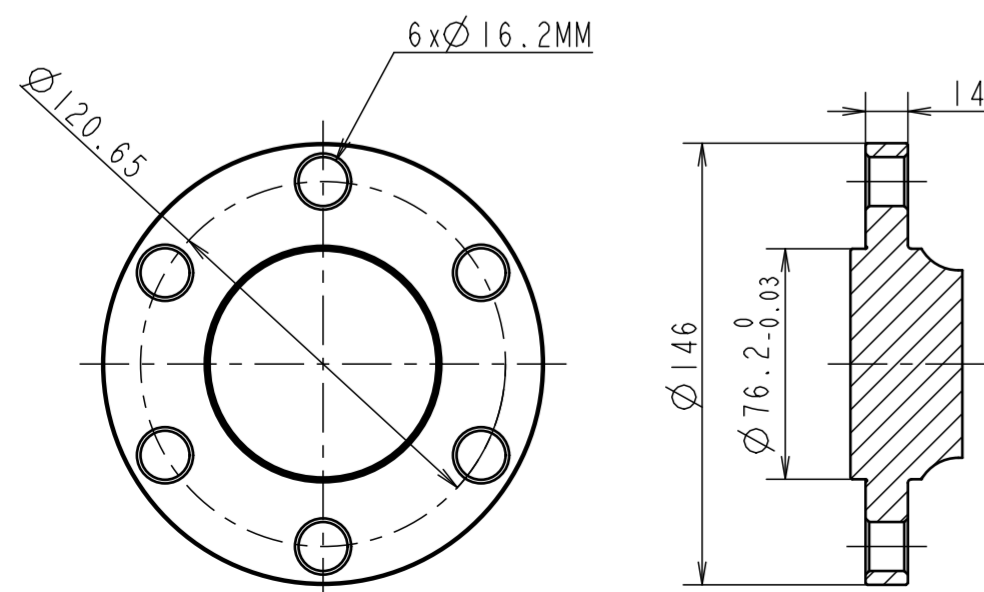
SYMMETRY TOLERANCE

CAREER



ZF286-I MARINE GEAR

ZF286-IA MARINE GEAR



SCALE 2:5 DETAIL OF COUPLING ZF286(A)

SHOWS CENTER OF GRAVITY

NOTE:
1. REFER TO B2-63100-0010 DRAWING FOR DETAIL OF ENGINE.
* SPECIAL ORDER RATIO

GEAR MODEL	REDUCTION				DRY ENGINE WEIGHT	DIRECTION OF ROTATION (AT OUTPUT COUPLING)
	0.923*	1.000*	1.237*	1.400*		
ZF 286	1.500	1.966	2.269	2.481*	866 kg	BOTH
	2.971				866 kg	
ZF286A	1.200*	1.484*	1.750	1.962	866 kg	
	2.208	2.391	2.500		866 kg	

量産用 FOR MASS PRODUCTION

MANAGER

SEC. MANAGER	MODEL	6LF 485	6LF 530	6LF 550	SCALE	1:10
CHECKED	SPECIALIST	QTY	1	1	MATERIAL	
DESIGNED	DRAWN	DATE: Y.M.D	2021.01.27			
		NAME	6LF APPLICATION			
		YANMAR		CODE	B2-63100-0020	DRAW SIZE A2
		YANMAR MARINE INTERNATIONAL B.V.				

3D-CAD

NOTICE

GEOMETRICAL TOLERANCE

KIND OF TOLERANCE

SYMBOL

FORM

PROFILE OF LINE TOLERANCE

FLATNESS TOLERANCE

CYLINDRICITY TOLERANCE

PARALLELISM TOLERANCE

PERPENDICULARITY TOLERANCE

ANGULARITY TOLERANCE

POSITIONAL TOLERANCE

CONCENTRICITY TOLERANCE

SYMMETRY TOLERANCE

ENCLOSURE

TOTAL RUN-OUT TOLERANCE