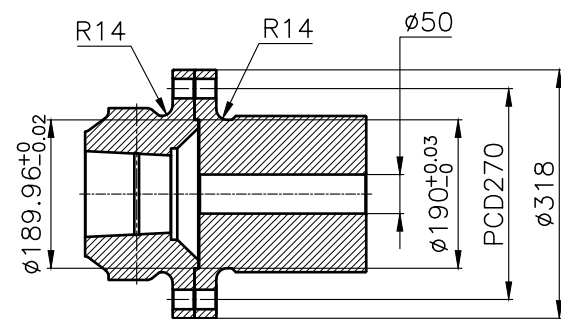
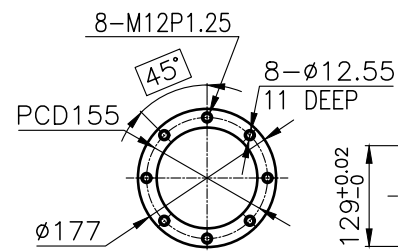
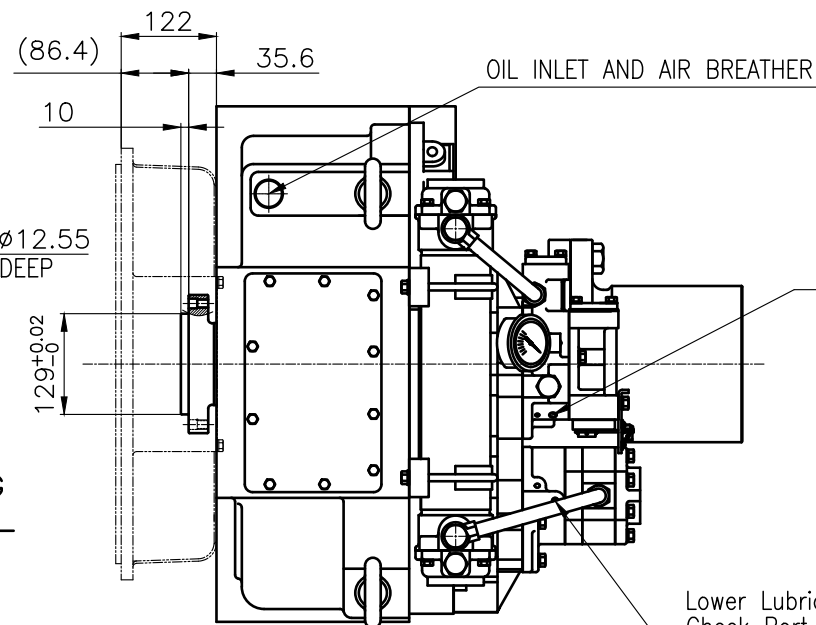




OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

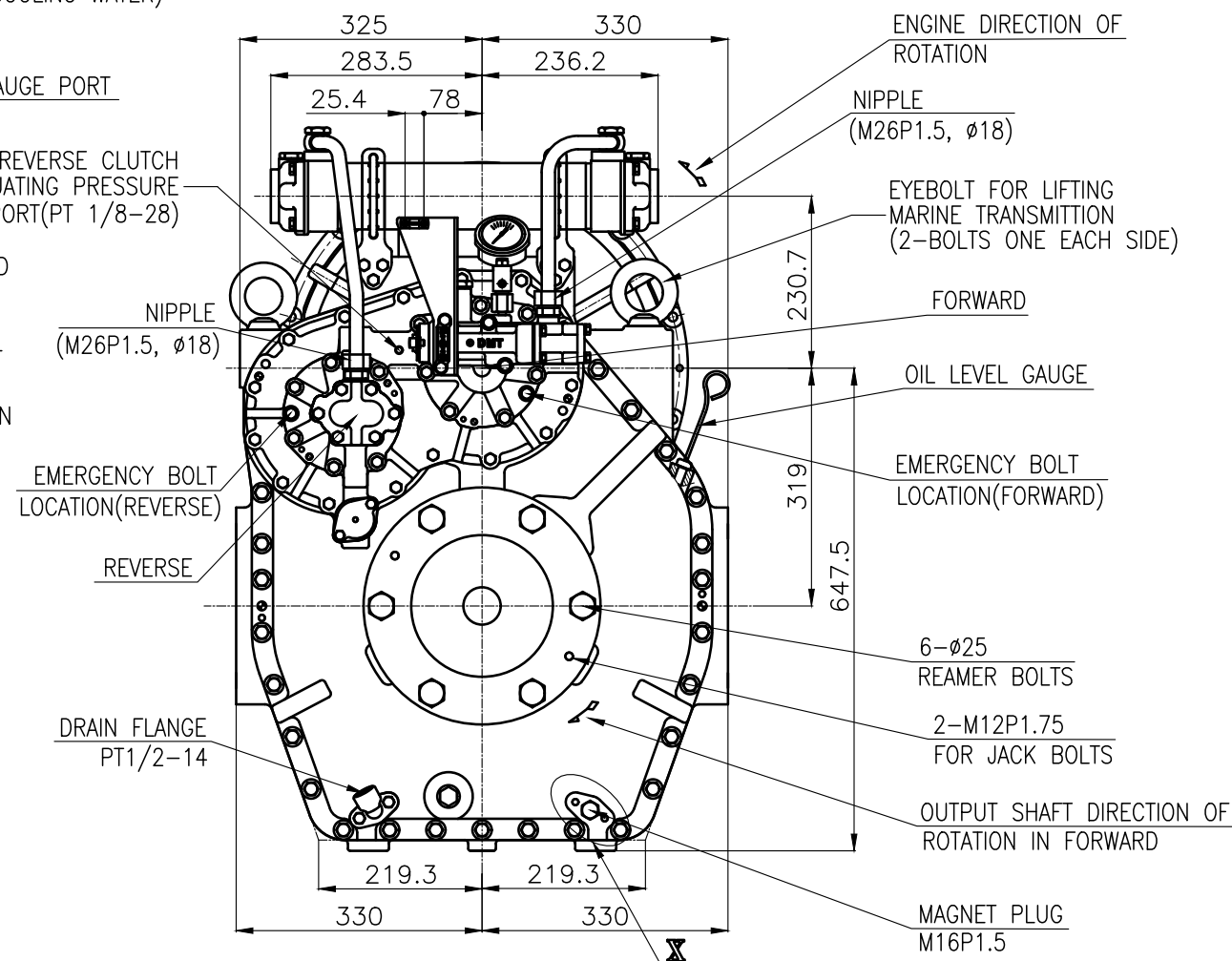
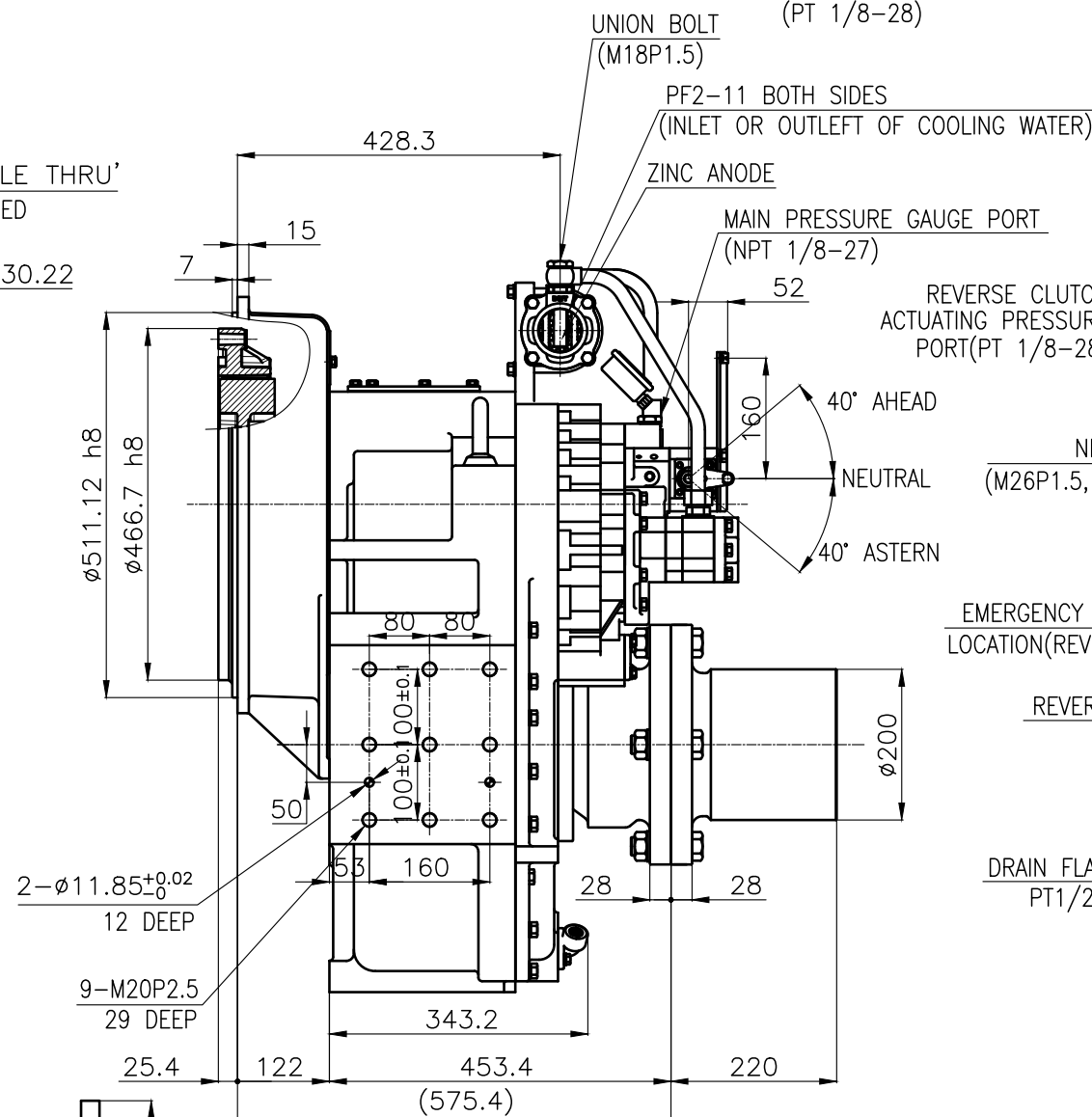
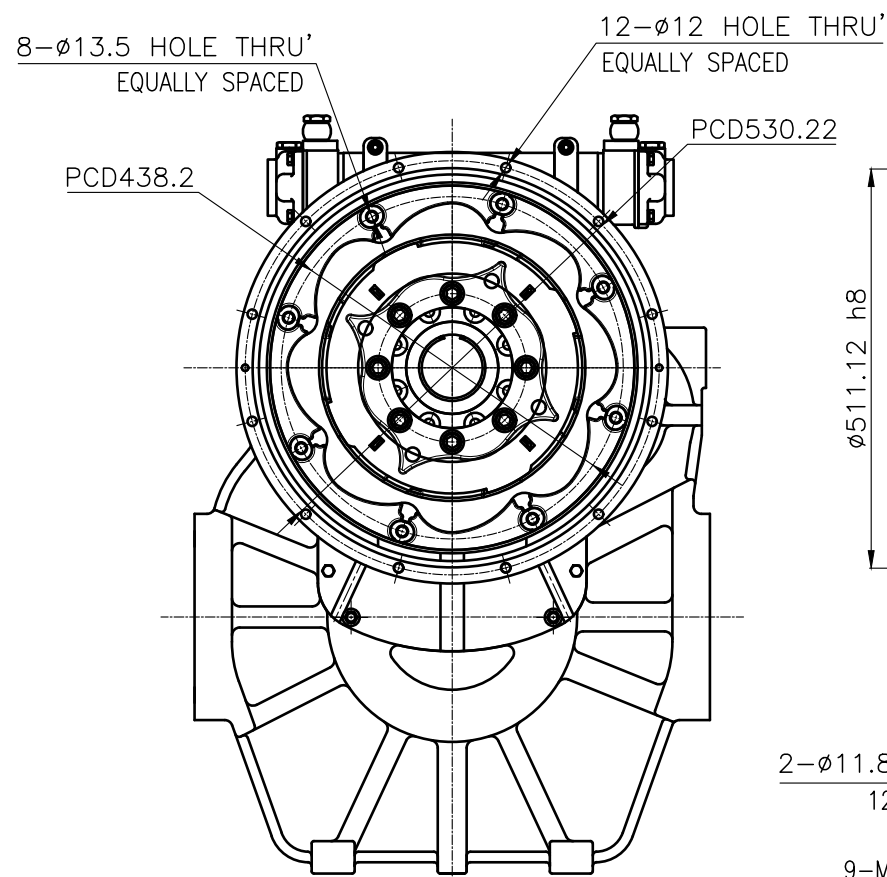


INPUT COUPLING DIMENSION

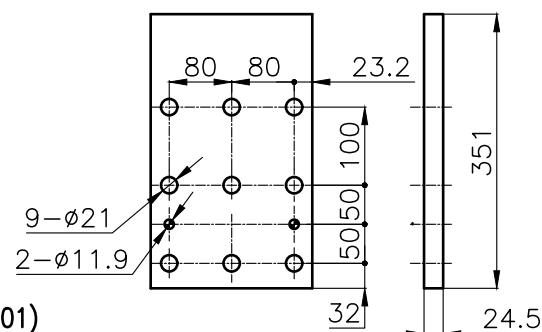


FORWARD CLUTCH
-ACTUATING PRESSURE
PORT(PT 1/8-28)

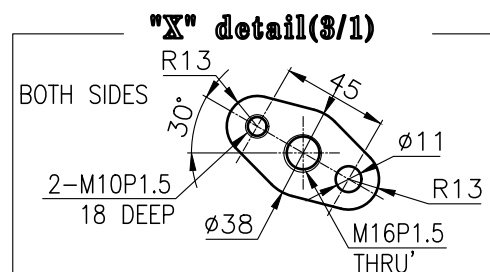
Lower Lubrication Pressure
- Check Port
(PT 1/8-28)



DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. — Kg(DRY)		
OIL CAPACITY	APPROX. — L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



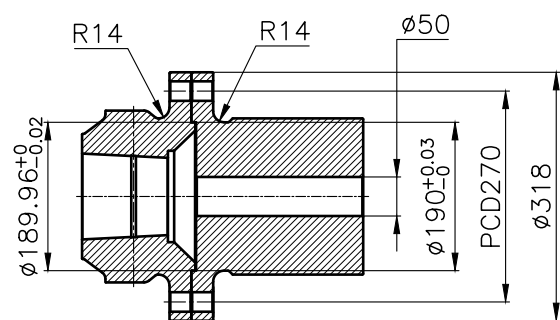
BRACKET DIMENSION



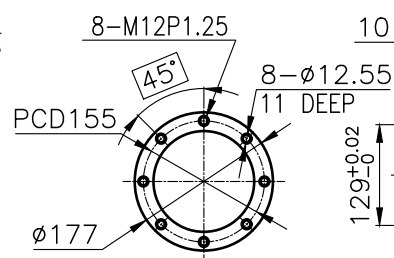
REMARK

1.HOUSING: SAE#1	
2.DRIVING RING: SAE 14"	<u>9</u>
3.COUPLING TYPE :	<u>2</u>
CENTA Flex Coupling (77268801)	

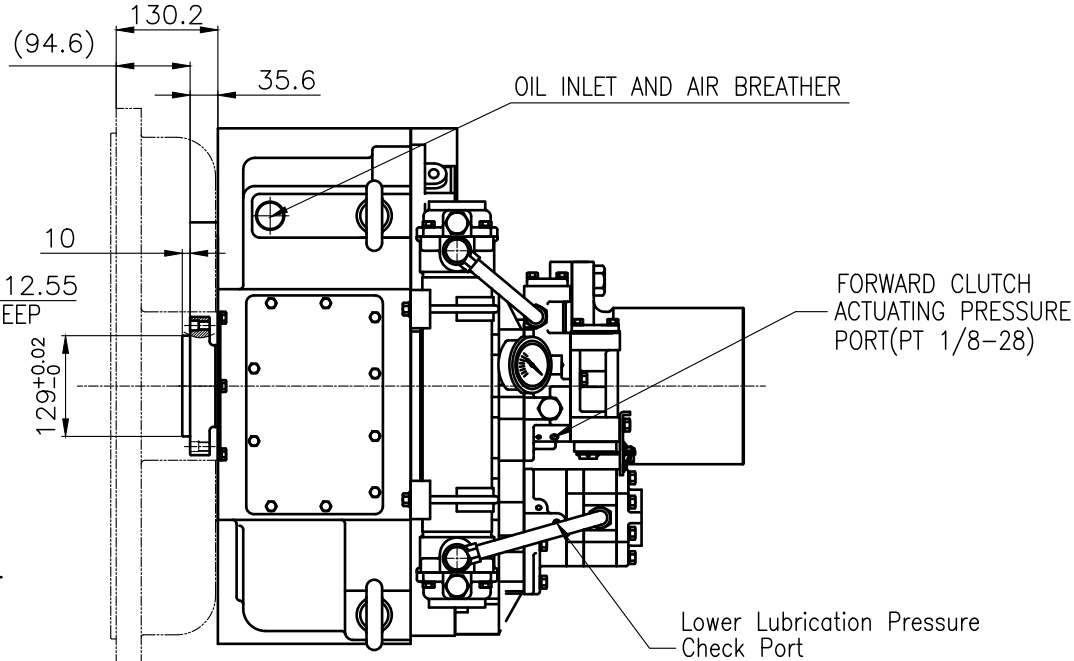
허용 공차 TOLERANCE ON						번호 NO.		품 PART NO.		품 PART NAME 명		개수 Q'TY	재 MATERIAL	규 SIZE		비 고 REMARKS							
분수 FRACTIONS		소수 DECIMALS		각도 ANGLES		재 MATERIAL						형 식 TYPE		DMT300HL		원 도 번 ORIGINAL DWG. NO.							
± ———		± ———		± ———				작성 DATE 2018.06.29		척 도 SCALE N/S		품 명 NAME		MARINE TRANSMISSION									
일 구 분 1 초과 4 이하 ± 0.3 ± 0.1 ± 0.05 4 16 ± 0.5 ± 0.2 ± 0.07 16 63 ± 0.7 ± 0.3 ± 0.1 63 250 ± 1.2 ± 0.5 ± 0.2 250 1000 ± 2.0 ± 0.8 ± 0.3						승 인 APPROVED BY JK.Kim		검 도 CHECKED BY TH.Cha		제 도 DRAWN CH.Baek		설 계 DESIGNED		도 번 DWG. NO.		30000GA~E-114CFR		개정 (REV) 000					
						 D-I INDUSTRIAL										크 기 SIZE		A 3		코 드 번 호 CODE ID. NO.			



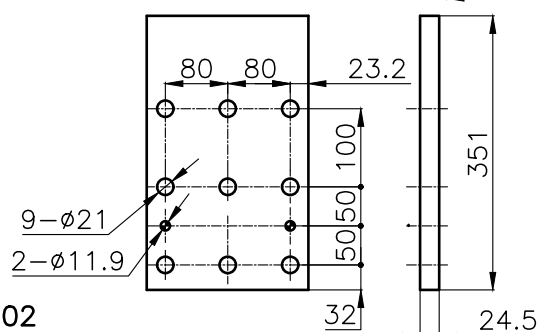
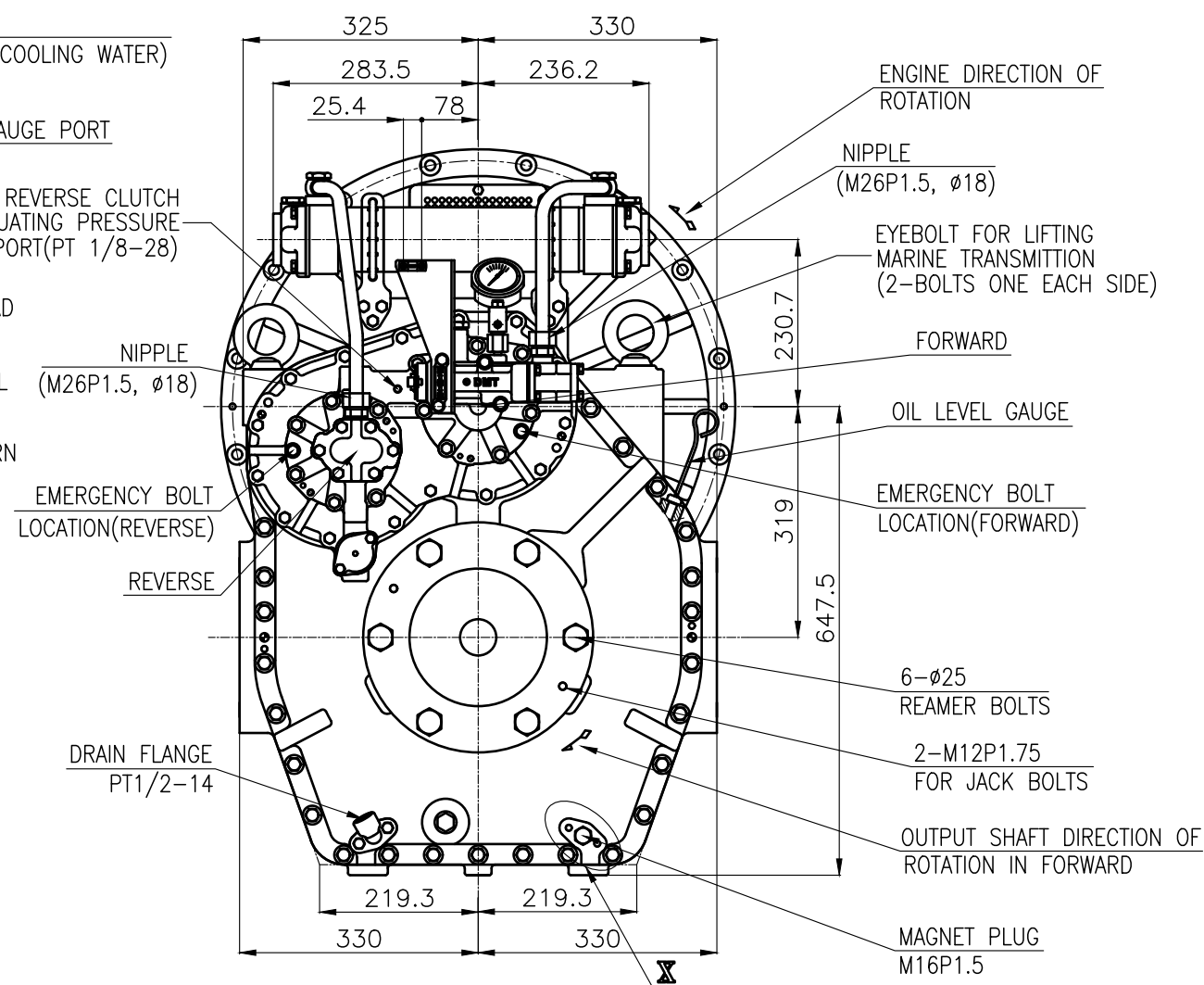
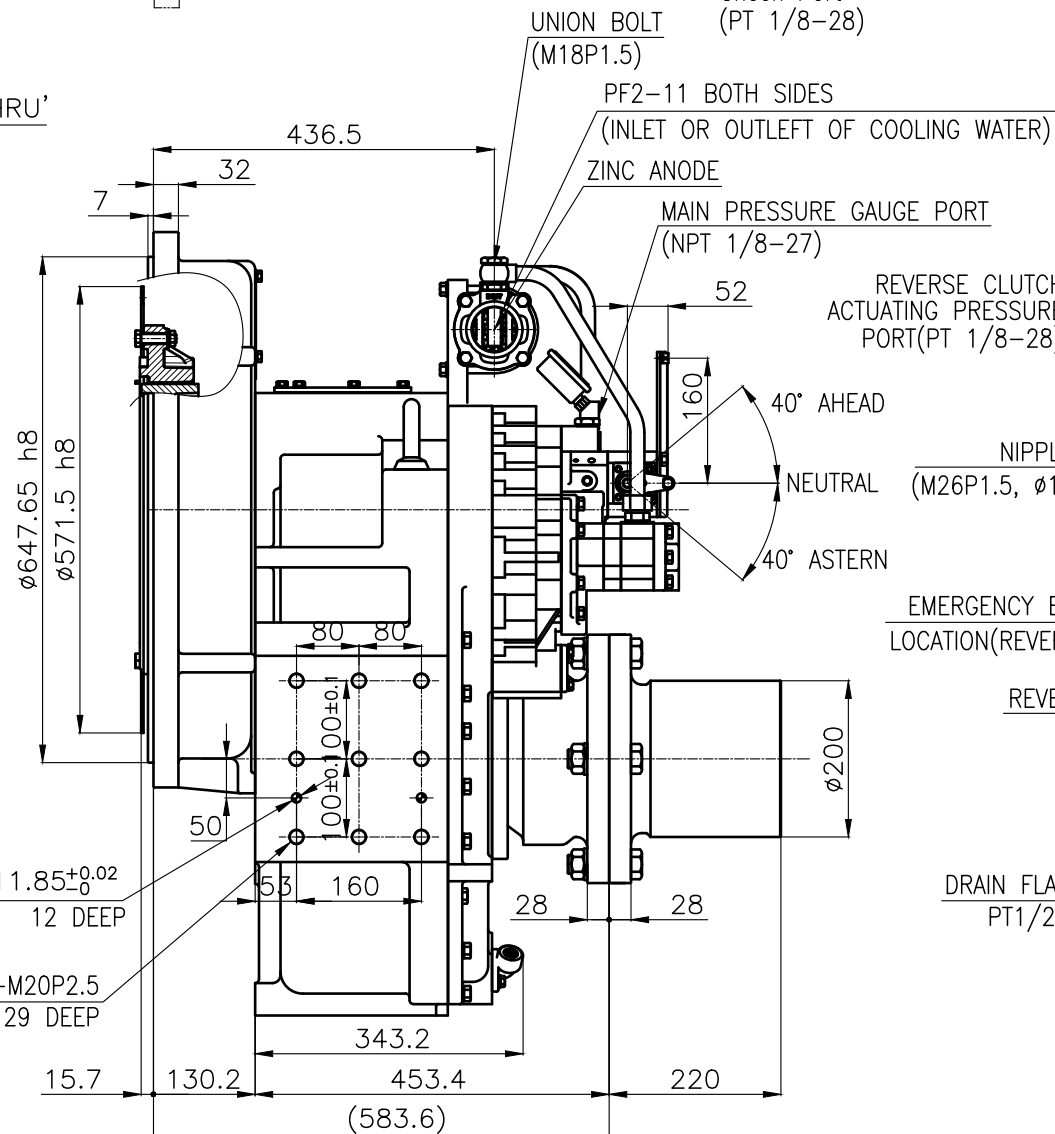
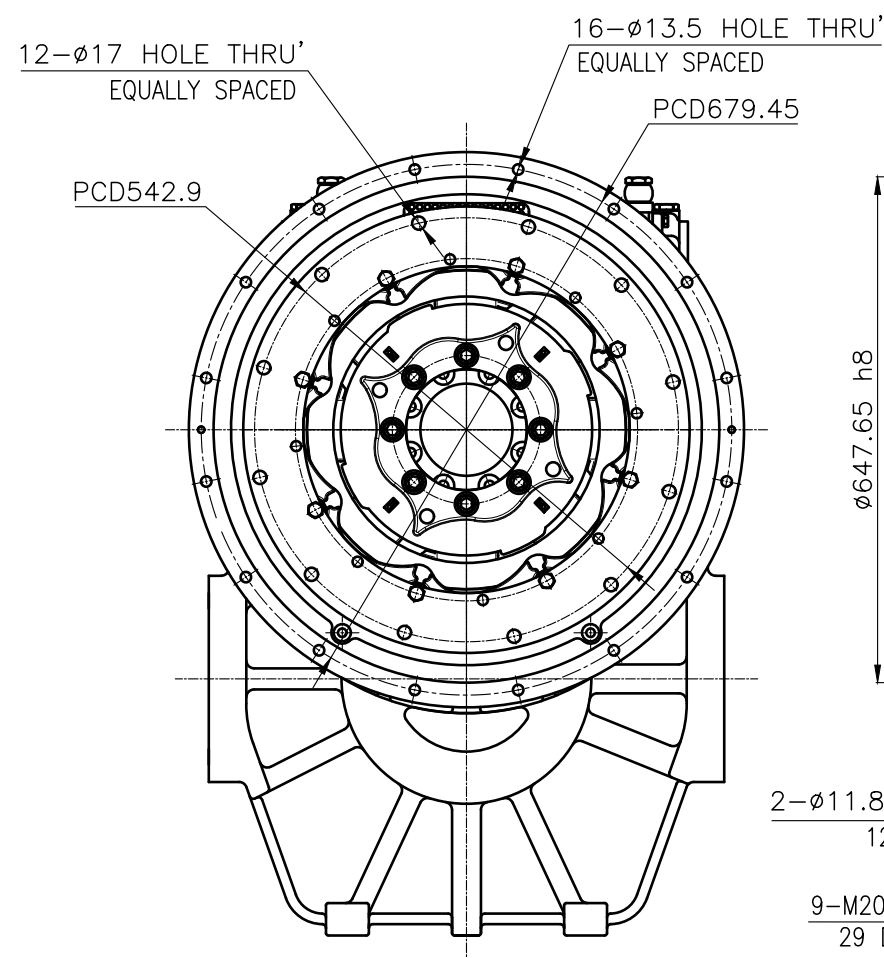
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



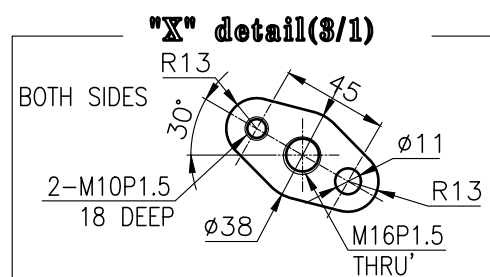
INPUT COUPLING DIMENSION



DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 847 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



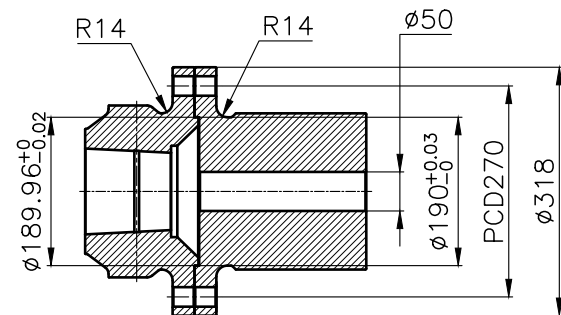
BRACKET DIMENSION



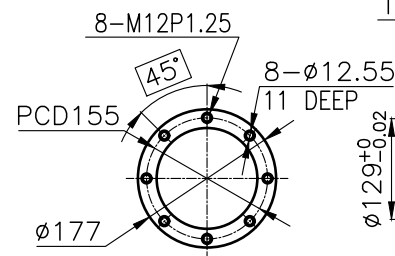
REMARK

1.HOUSING : SAE# 0	<u>9</u>
2.DRIVING RING : SAE 18"	<u>2</u>
3.COUPLING TYPE	
-CENTA Flex Coupling : 77268802	

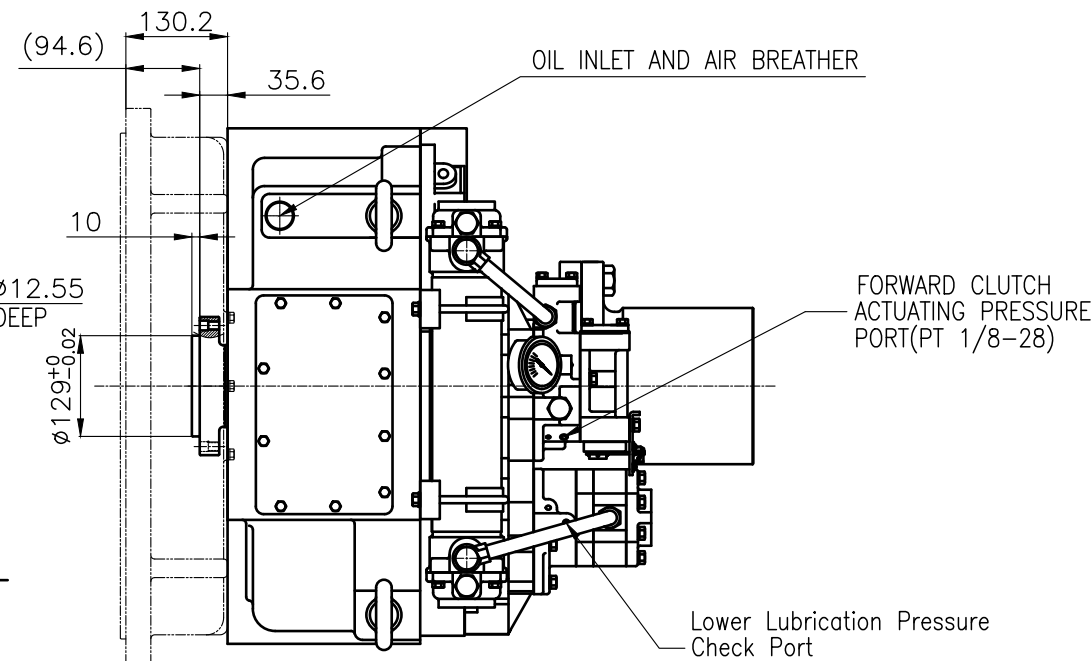
허용 공차 TOLERANCE ON 분수 소수 각도 FRACTIONS DECIMALS ANGLES $\pm$ $\frac{\quad}{\quad}$ $\pm$ $\quad$ $\pm$ $\quad$					번호 품 PART NO. PART NAME 명 NO. PART NO. PART NAME		개수 재 질 구 격 비 고 Q'TY MATERIAL SIZE REMARKS	
일 집 색 가 공 구 분 조급 중급 정급 1 초과 4 이하 ± 0.3 ± 0.1 ± 0.05 4 16 ± 0.5 ± 0.2 ± 0.07 16 63 ± 0.7 ± 0.3 ± 0.1 63 250 ± 1.2 ± 0.5 ± 0.2 250 1000 ± 2.0 ± 0.8 ± 0.3					재 질 MATERIAL  작성 DATE 2018.06.29 척 도 SCALE N/S		형 식 TYPE DMT300HL 원 도 번 ORIGINAL DWG. NO.	
					품 명 NAME MARINE TRANSMISSION		도 번 DWG. NO. 30000GA~E-018CFR 개정 (REV.) 000	
승인 CHECKED BY JK.Kim TH.Cha CH.Baek 승인 CHECKED BY JK.Kim TH.Cha CH.Baek					크 기 SIZE A 3 코-드 번호 CODE ID. NO.		D-I INDUSTRIAL	



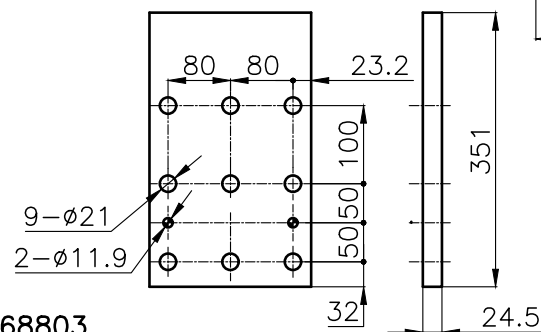
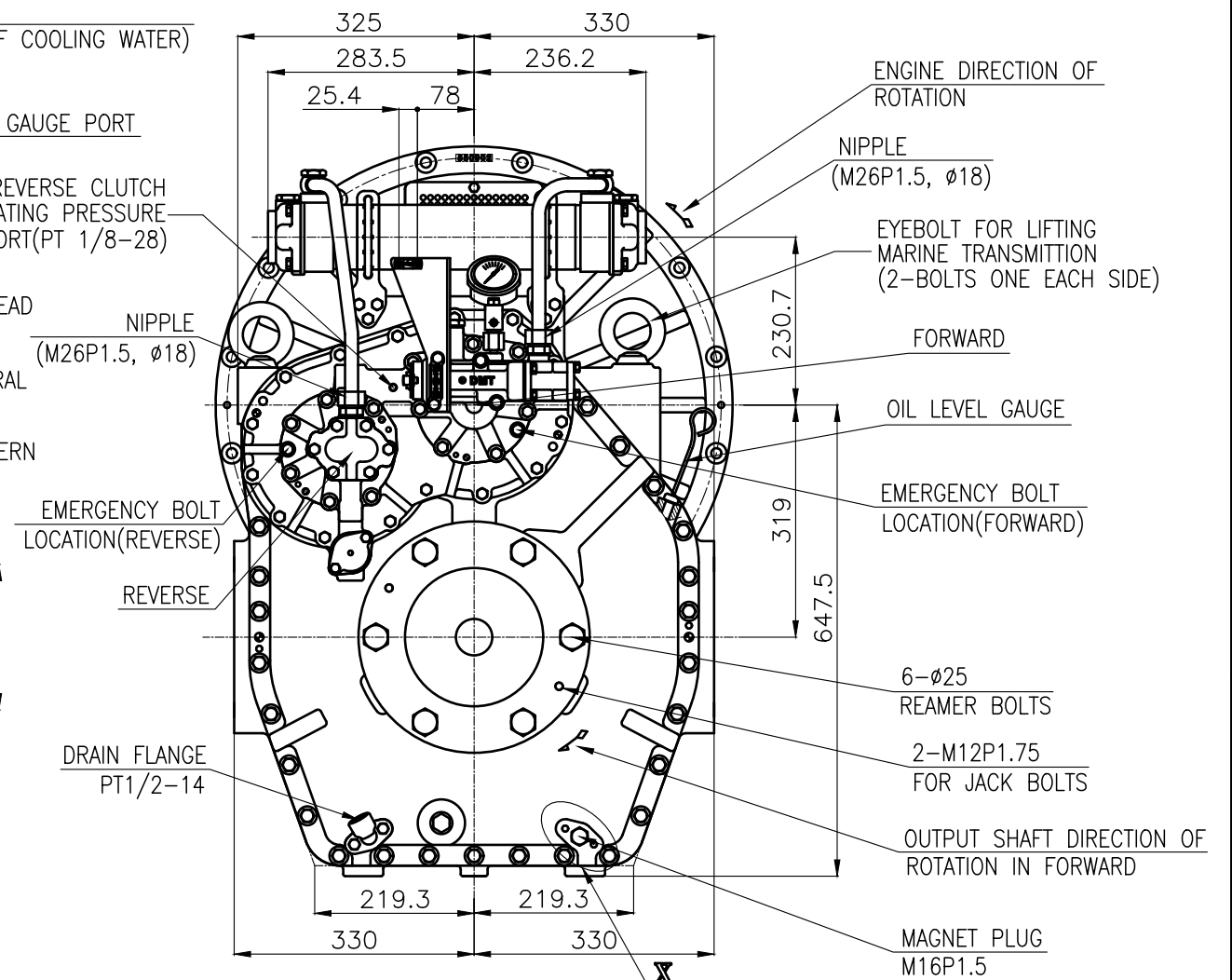
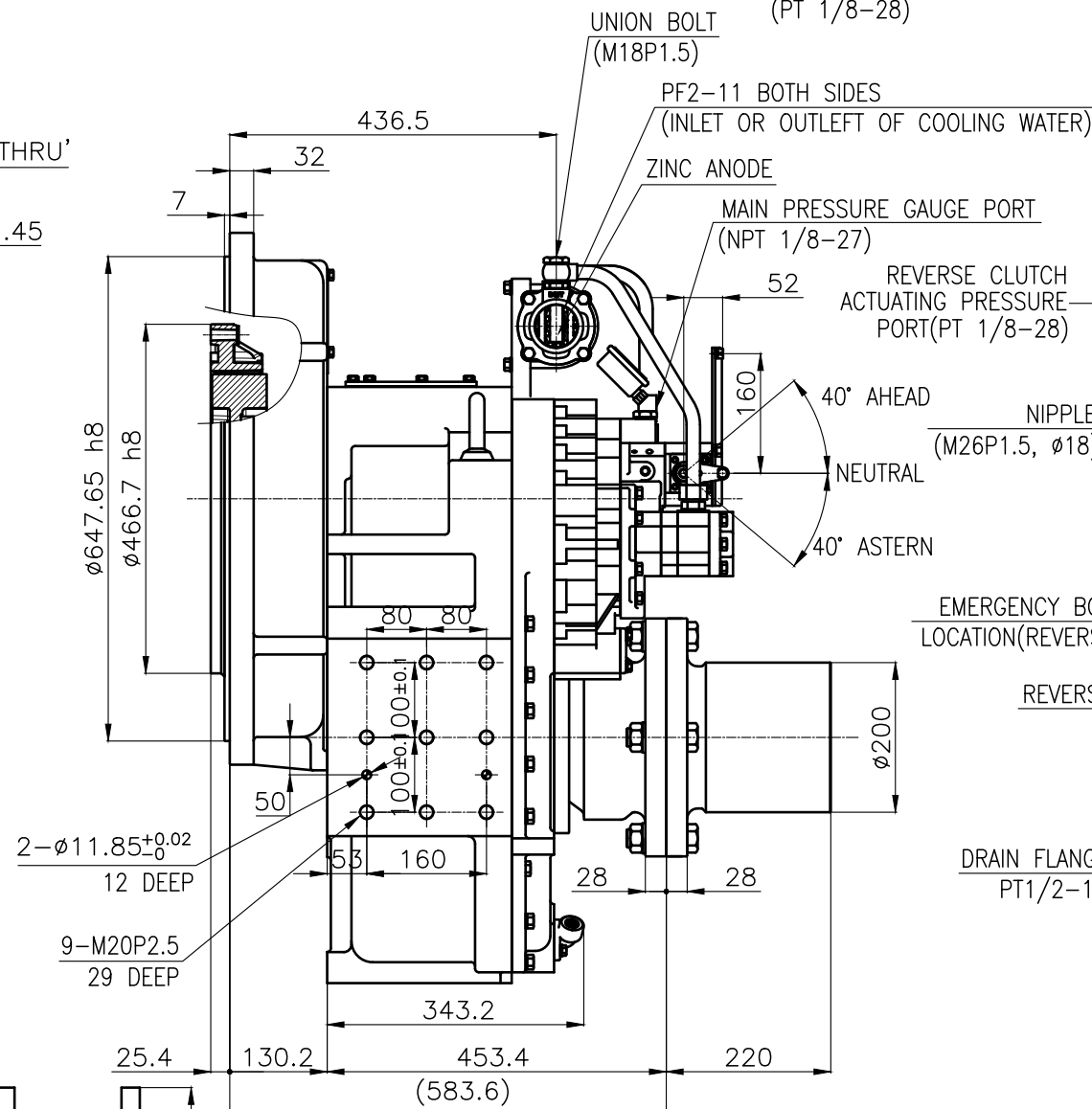
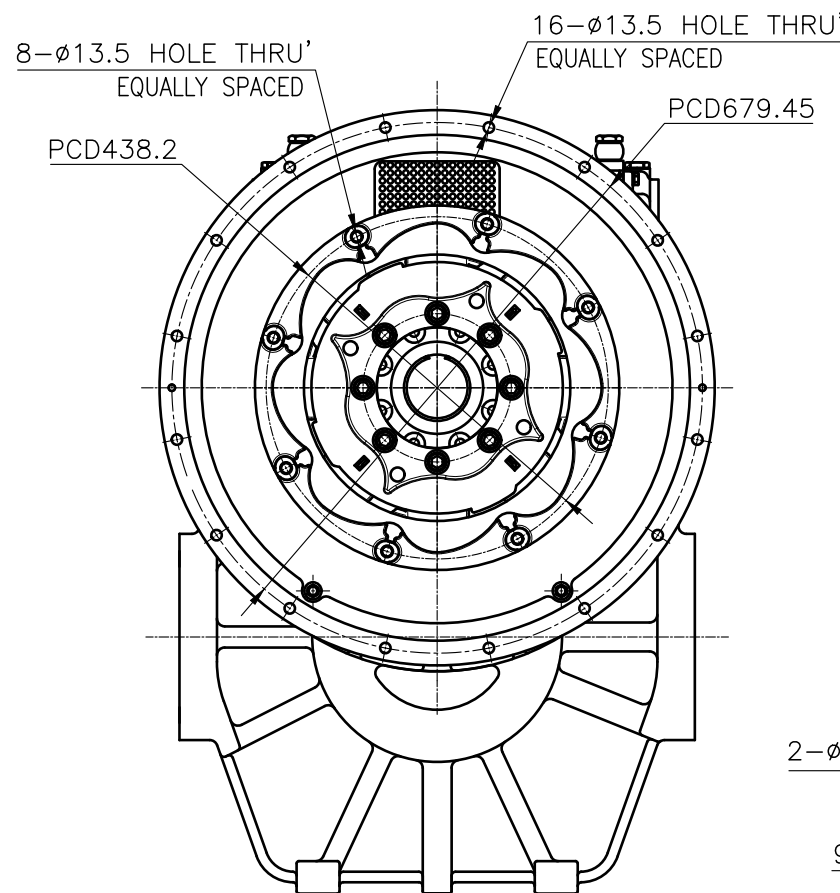
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



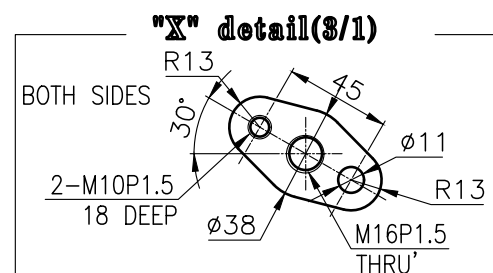
INPUT COUPLING DIMENSION



DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 787 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



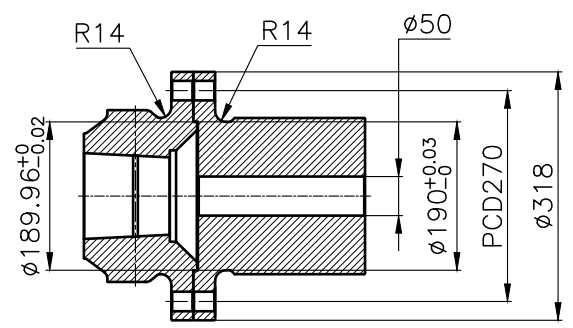
BRACKET DIMENSION



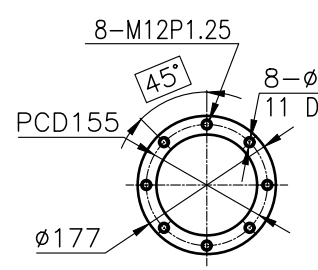
REMARK

1.HOUSING : SAE# 0	<u>9-ø2</u>
2.DRIVING RING : SAE 14"	<u>2-ø1</u>
3.COUPLING TYPE	
-CENTA Flex Coupling : 77268803	

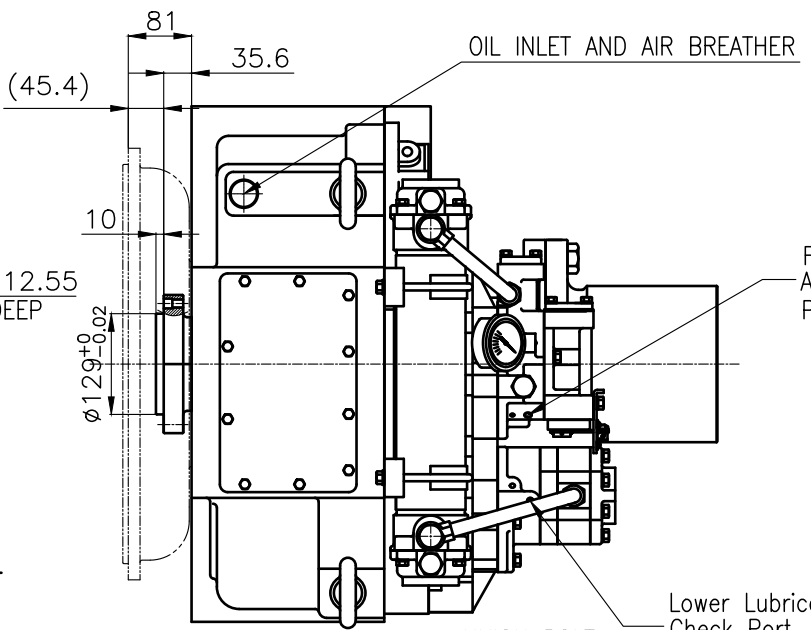
허용 공차 TOLERANCE ON					번호 NO.		품 PART NO.		품 PART NAME 명		개 수 Q'TY		재 질 MATERIAL		규 SIZE		비 고 REMARKS			
분 수 소 수 각 도 FRACTIONS DECIMALS ANGLES										형 식 TYPE		DMT300HL				원 도 번 ORIGINAL DWG. NO.				
± — ± — ± —										품 명 NAME		MARINE TRANSMISSION								
정밀 精 確 度 分 寸 1 초 과 4 이 하 ± 0.3 ± 0.1 ± 0.05 4 16 ± 0.5 ± 0.2 ± 0.07 16 63 ± 0.7 ± 0.3 ± 0.1 63 250 ± 1.2 ± 0.5 ± 0.2 250 1000 ± 2.0 ± 0.8 ± 0.3							작성 DATE 2018.06.29		척 도 SCALE N/S											
					승 인 APPROVED BY		검 도 CHECKED BY		재 도 DRAWN		설 계 DESIGNED									
					JK.Kim		TH.Cha		CH.Baek											
차					D-I INDUSTRIAL								크 기 SIZE		A 3		코 - 드 번 호 CODE ID. NO.			



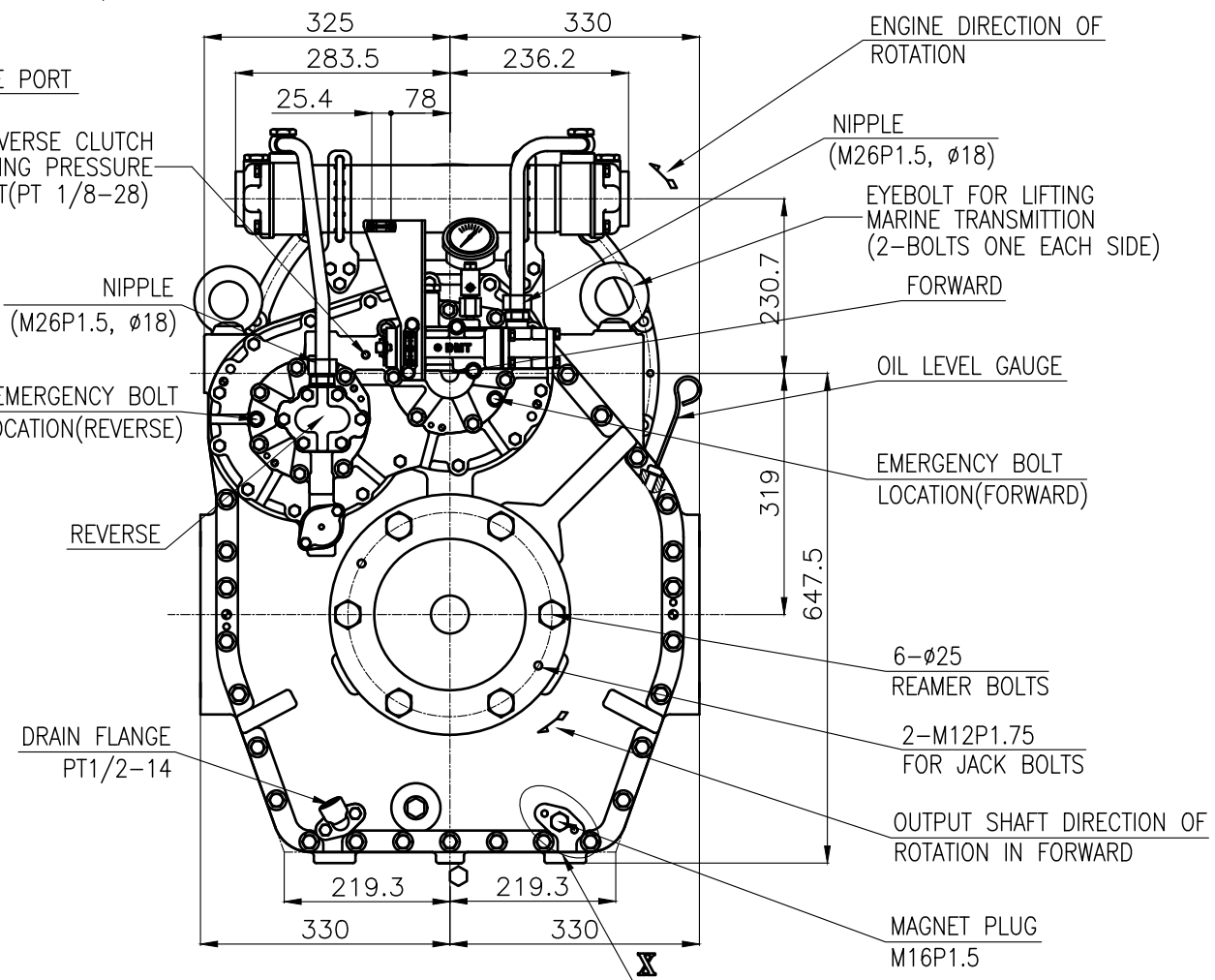
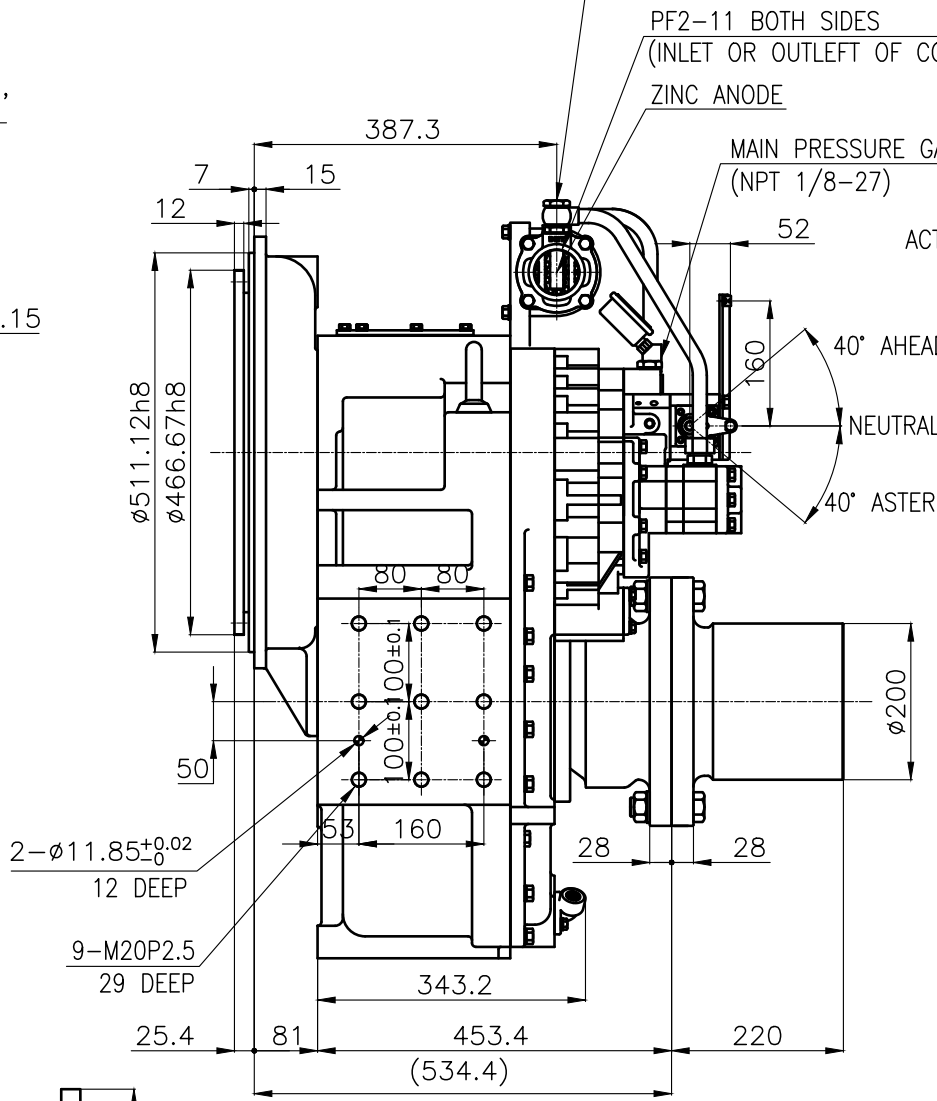
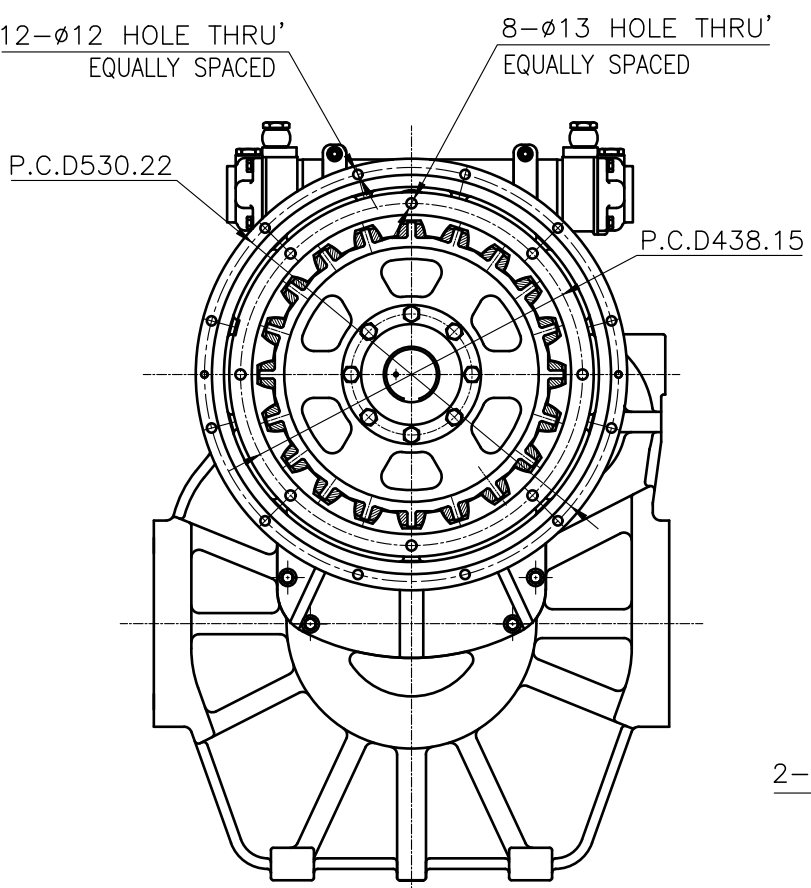
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



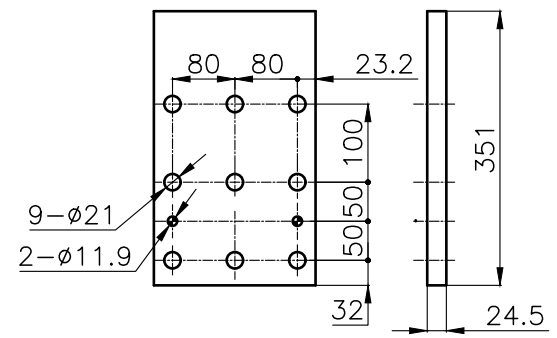
INPUT COUPLING DIMENSION



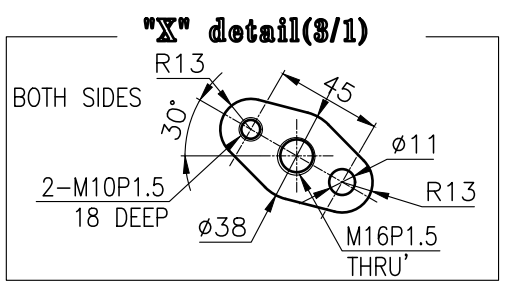
DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 736 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa		CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



REMARK
1.HOUSING: SAE#1
2.DRIVING RING: SAE 14"
3.COUPLING TYPE : RUBBER

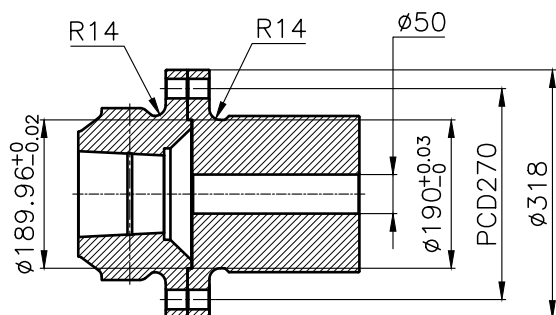


BRACKET DIMENSION

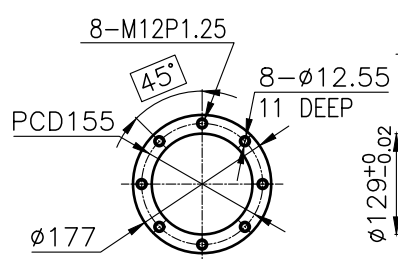


"X" detail(3/1)

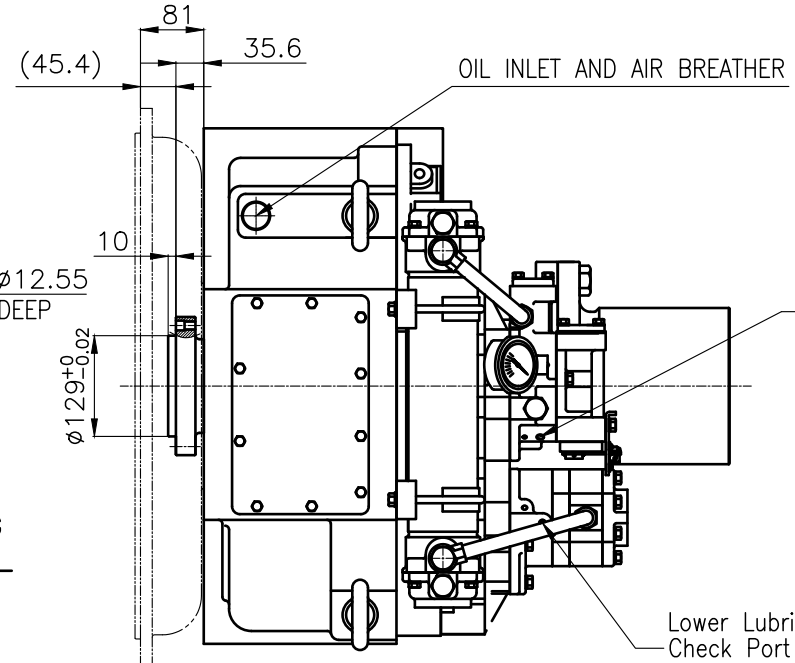
공 통 공 차 TOLERANCE ON					번 호 PART NO.		품 PART NAME		개 수 Q'TY	재 질 MATERIAL	규 SIZE		비 고 REMARKS																									
분 수 FRACTIONS		소 수 DECIMALS		각 도 ANGLES	재 질 MATERIAL				형 식 TYPE		DMT300HL		원 도 번 ORIGINAL DWG. NO.																									
± ———		± ———		± ———			작성 DATE 2018.06.29		척 도 SCALE N/S		품 명 MARINE TRANSMISSION		도 번 30000GA~E-114RC																									
± ———		± ———		± ———	승 인 APPROVED BY JK.Kim		검 도 CHECKED BY TH.Cha		제 도 DRAWN BJ.Moon						설 계 DESIGNED																							
일 반 공 차 <table><tr><td>구 분</td><td>조 급</td><td>종 급</td><td>정 급</td></tr><tr><td>1 초과 4 이하</td><td>± 0.3</td><td>± 0.1</td><td>± 0.05</td></tr><tr><td>4 16</td><td>± 0.5</td><td>± 0.2</td><td>± 0.07</td></tr><tr><td>16 63</td><td>± 0.7</td><td>± 0.3</td><td>± 0.1</td></tr><tr><td>63 250</td><td>± 1.2</td><td>± 0.5</td><td>± 0.2</td></tr><tr><td>250 1000</td><td>± 2.0</td><td>± 0.8</td><td>± 0.3</td></tr></table>					구 분	조 급	종 급	정 급	1 초과 4 이하	± 0.3	± 0.1	± 0.05	4 16	± 0.5	± 0.2	± 0.07	16 63	± 0.7	± 0.3	± 0.1	63 250	± 1.2	± 0.5	± 0.2	250 1000	± 2.0	± 0.8	± 0.3	 D-I INDUSTRIAL		크 기 SIZE		A 3		교 -드 번 호 CODE ID. NO.		개정 (REV.) 000	
					구 분	조 급	종 급	정 급																														
					1 초과 4 이하	± 0.3	± 0.1	± 0.05																														
					4 16	± 0.5	± 0.2	± 0.07																														
					16 63	± 0.7	± 0.3	± 0.1																														
63 250	± 1.2	± 0.5	± 0.2																																			
250 1000	± 2.0	± 0.8	± 0.3																																			



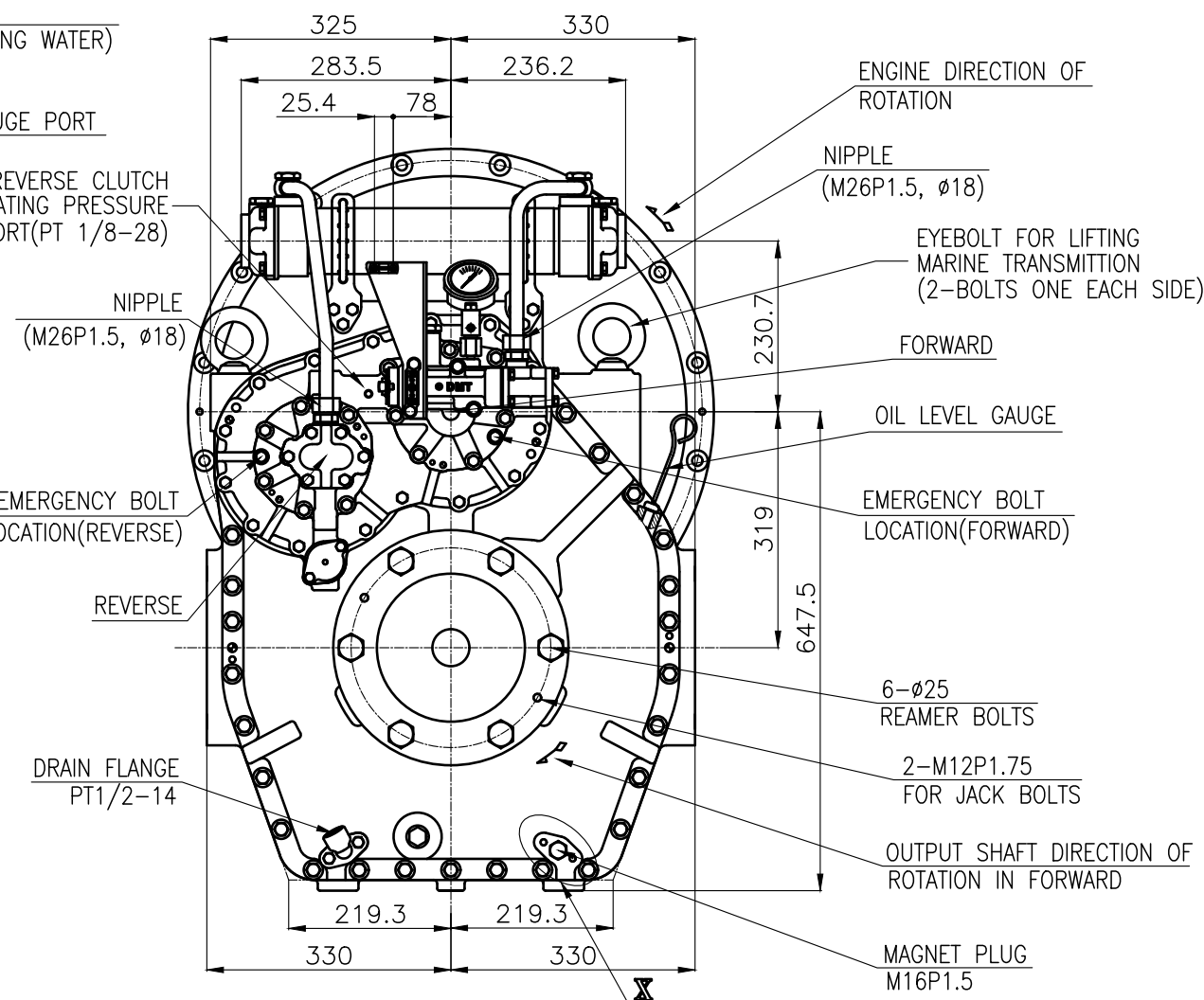
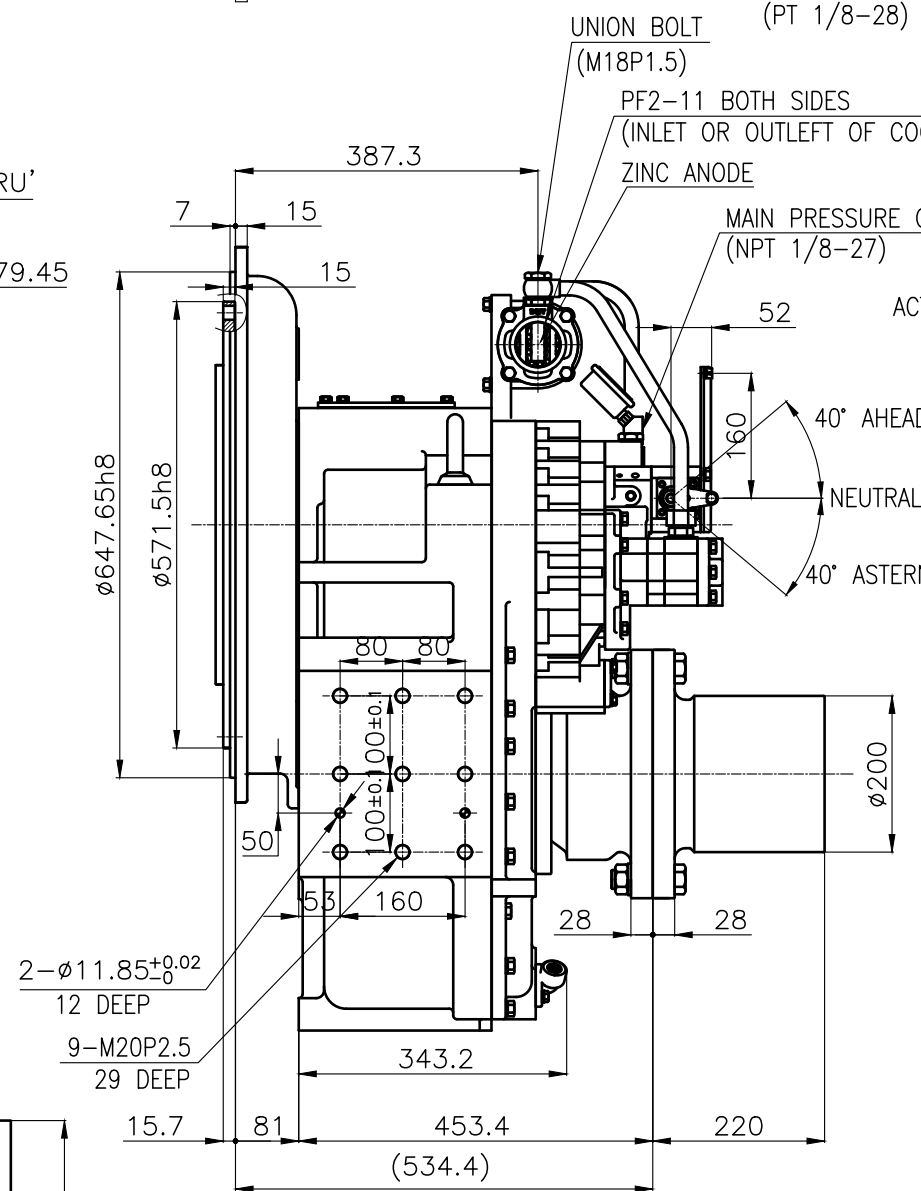
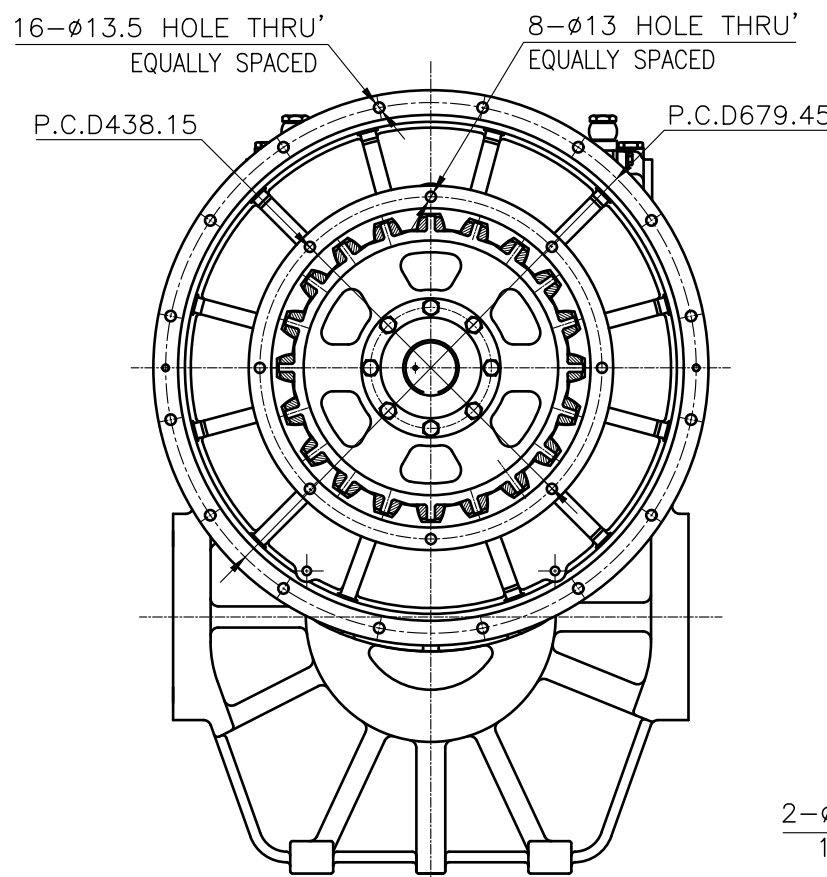
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



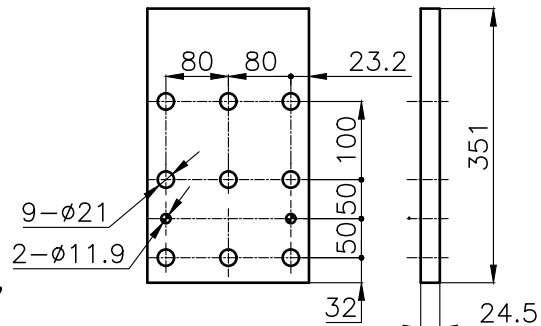
INPUT COUPLING DIMENSION



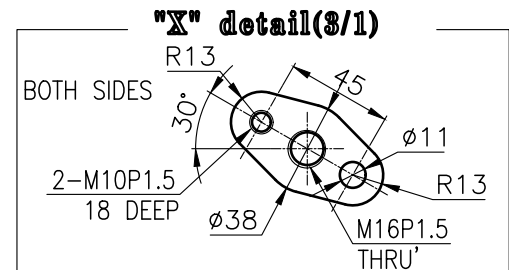
DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 757 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa		CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



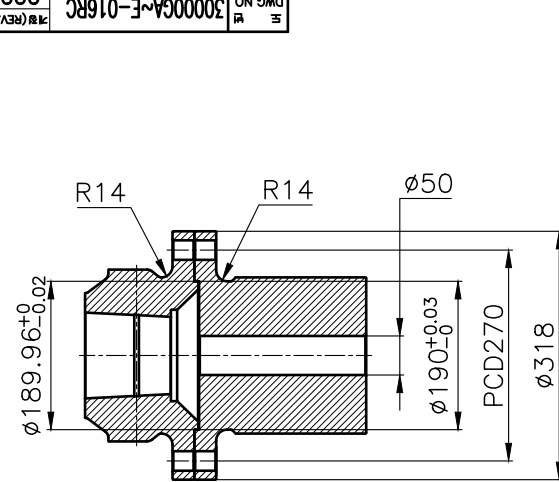
REMARK
1.HOUSING: SAE#0
2.DRIVING RING: SAE 18"
3.COUPLING TYPE : RUBBER



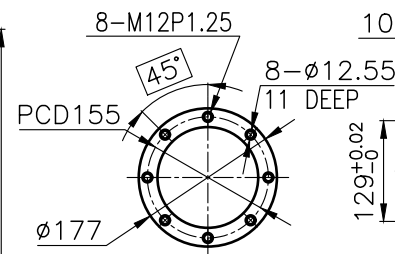
BRACKET DIMENSION



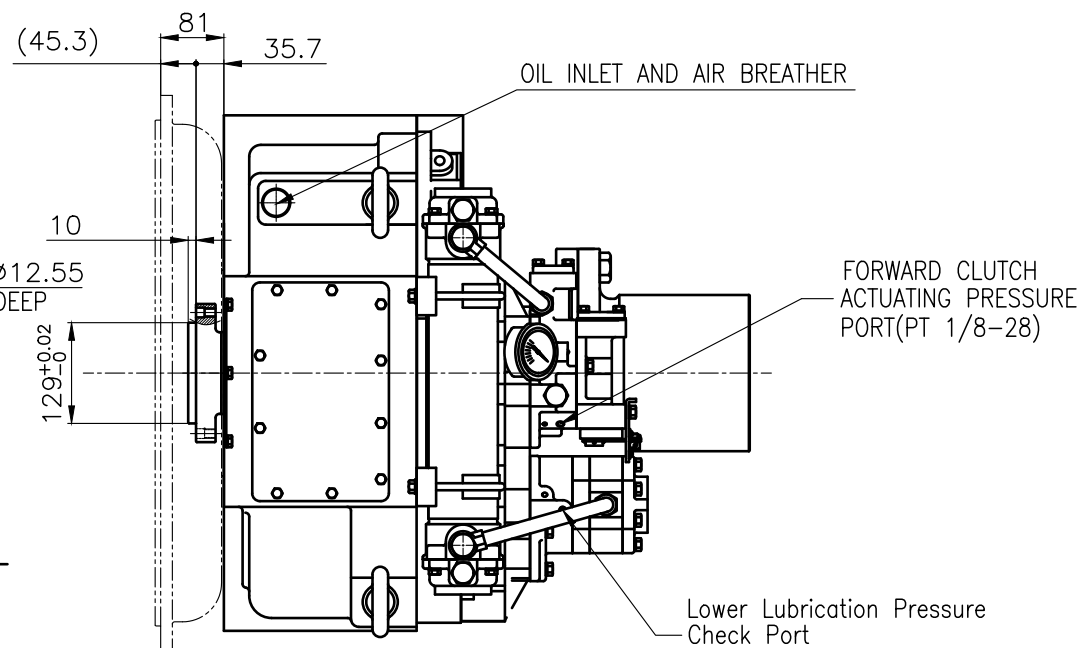
公差 TOLERANCE ON				번호 NO.	부품 PART NO.	부품 PART NAME	개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS
분수 FRACTIONS	소수 DECIMALS	각도 ANGLES		재료 MATERIAL			형식 TYPE	DMT300HL		
±	±	±		작상 DATE 2018.06.29	척도 SCALE N/S		품명 NAME	MARINE TRANSMISSION		
일	구분	조급	중급	정급	승인 APPROVED BY JK.Kim	검도 CHECKED BY TH.Cha	제도 DRAWN BJ.Moon	설계 DESIGNED	도번 DWG. NO.	30000GA~E-018RC
반	1 초과 4 이하	± 0.3	± 0.1	± 0.05	D-I INDUSTRIAL			크기 SIZE	A 3	코드 번호 CODE ID. NO.
공	4 16	± 0.5	± 0.2	± 0.07						
차	16 63	± 0.7	± 0.3	± 0.1						
	63 250	± 1.2	± 0.5	± 0.2						
	250 1000	± 2.0	± 0.8	± 0.3						



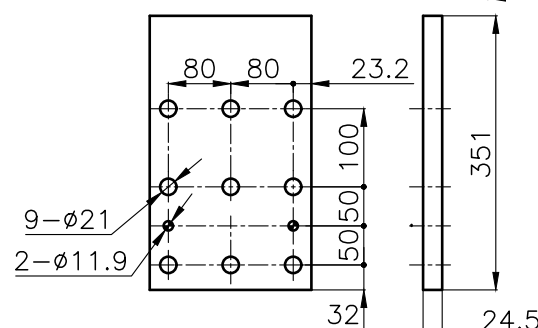
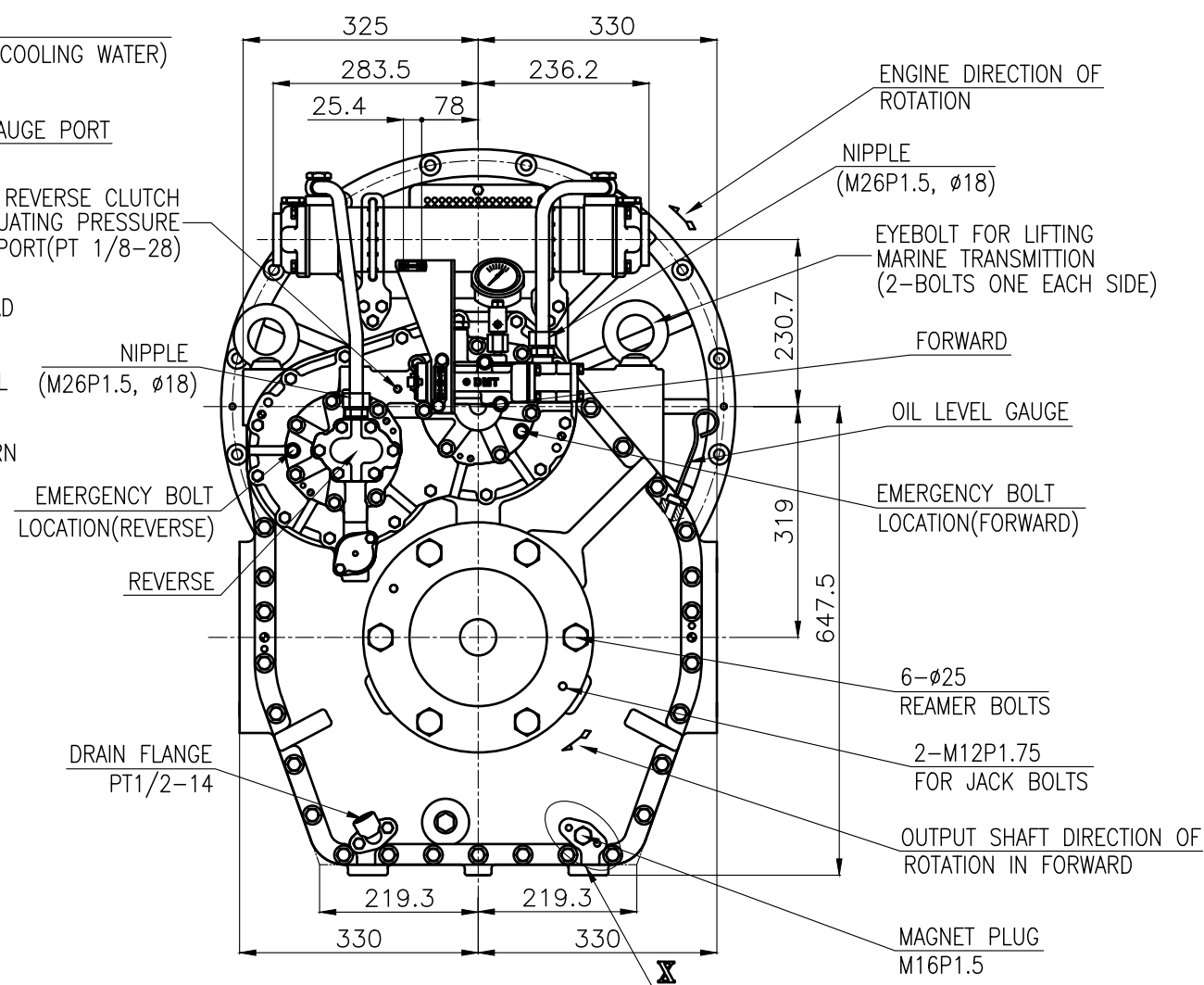
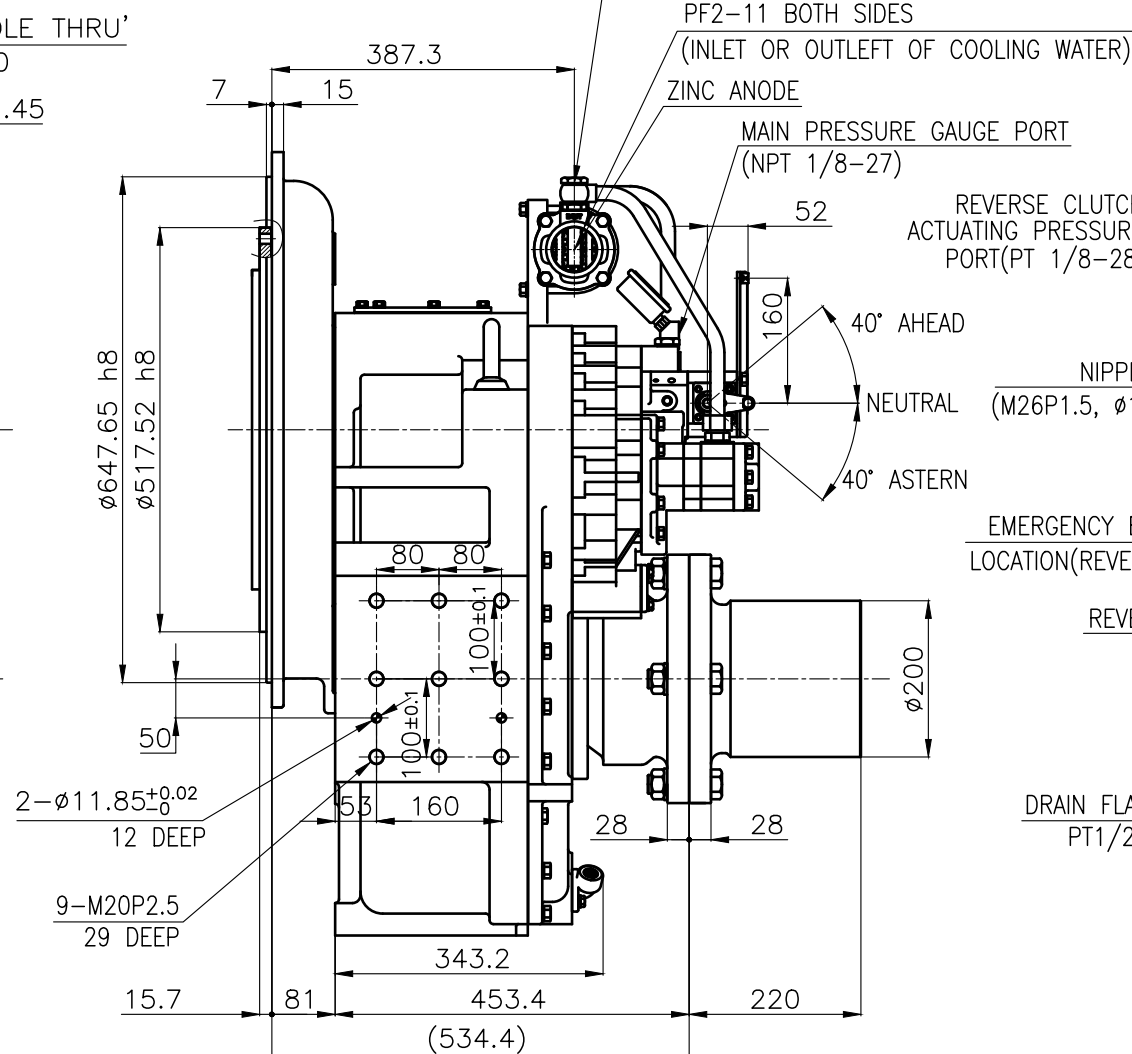
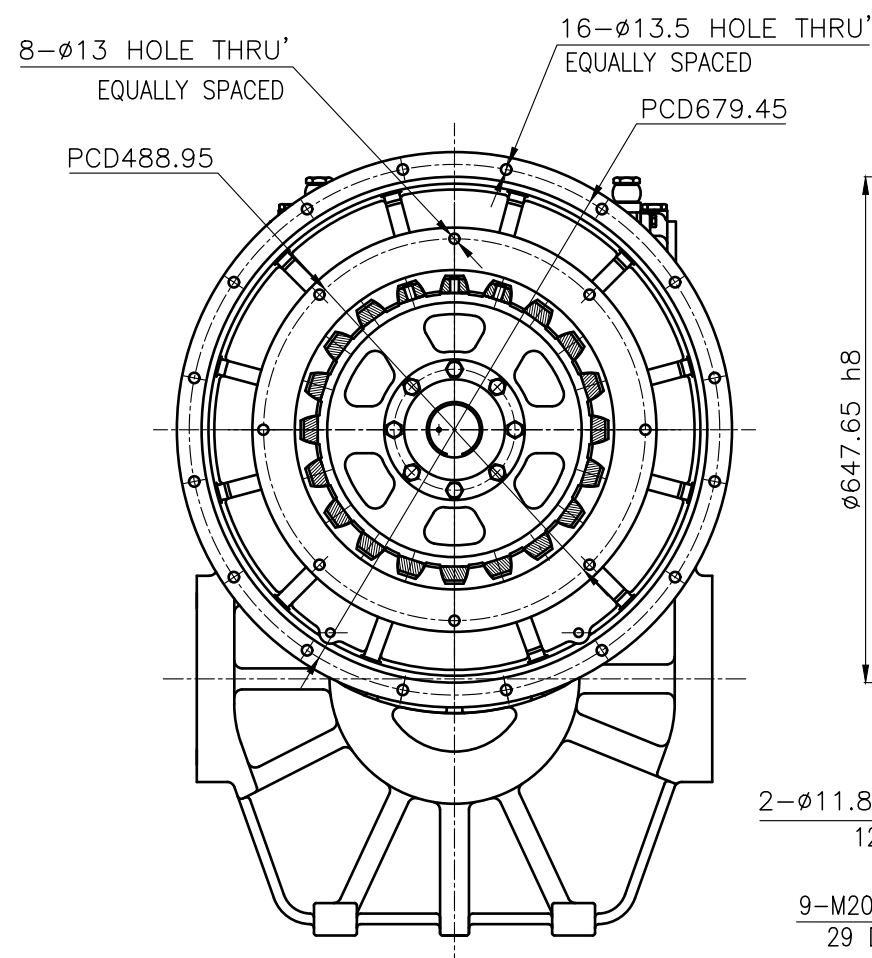
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



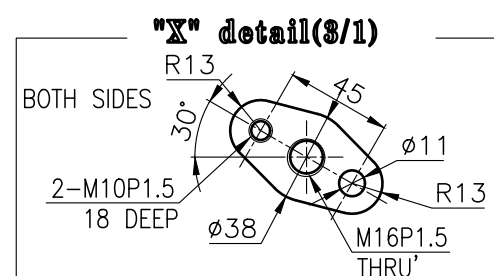
INPUT COUPLING DIMENSION



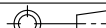
DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 847 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm

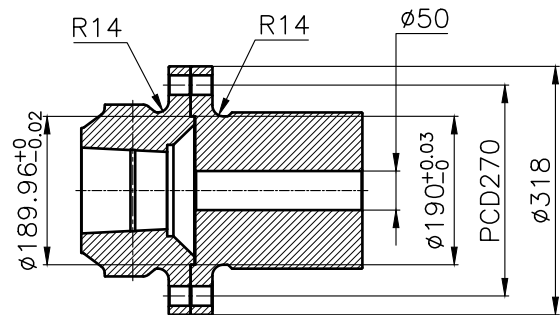


BRACKET DIMENSION

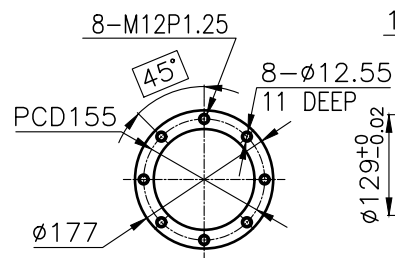


REMARK
1.HOUSING : SAE# 0
2.DRIVING RING : SAE 16"
3.COUPLING TYPE : RUBBER

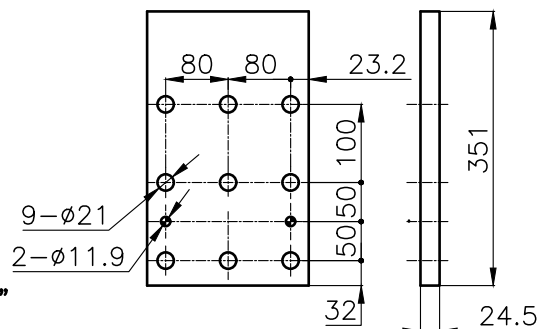
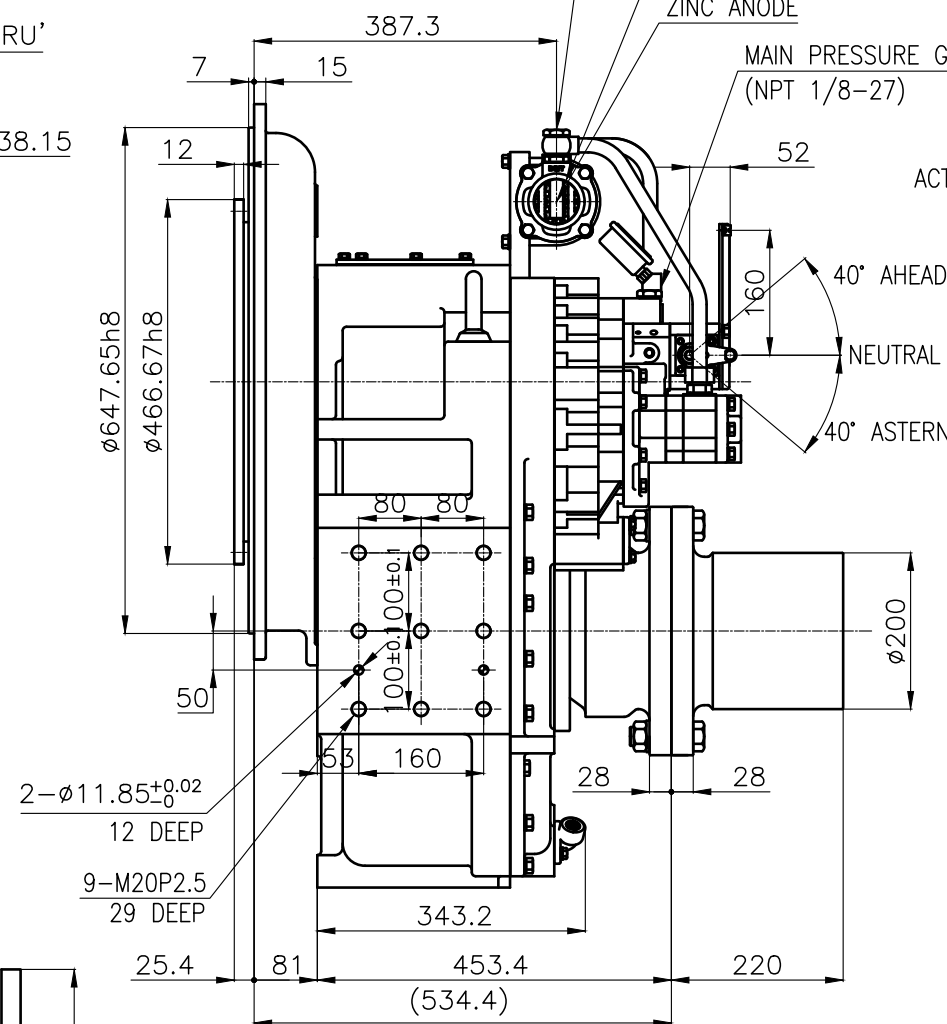
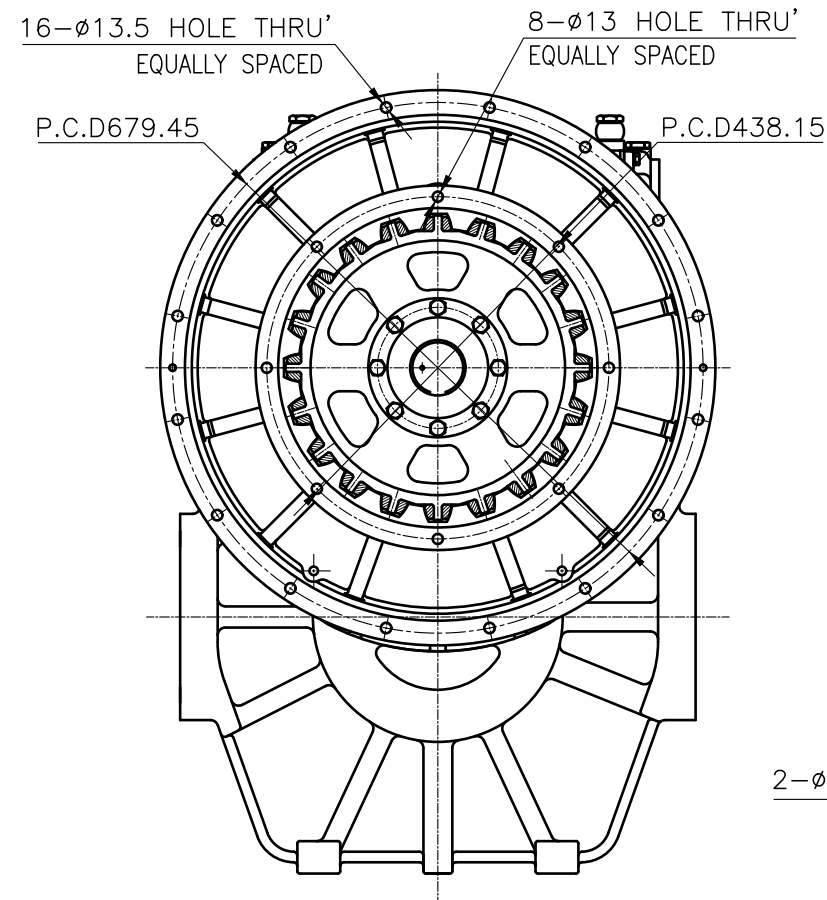
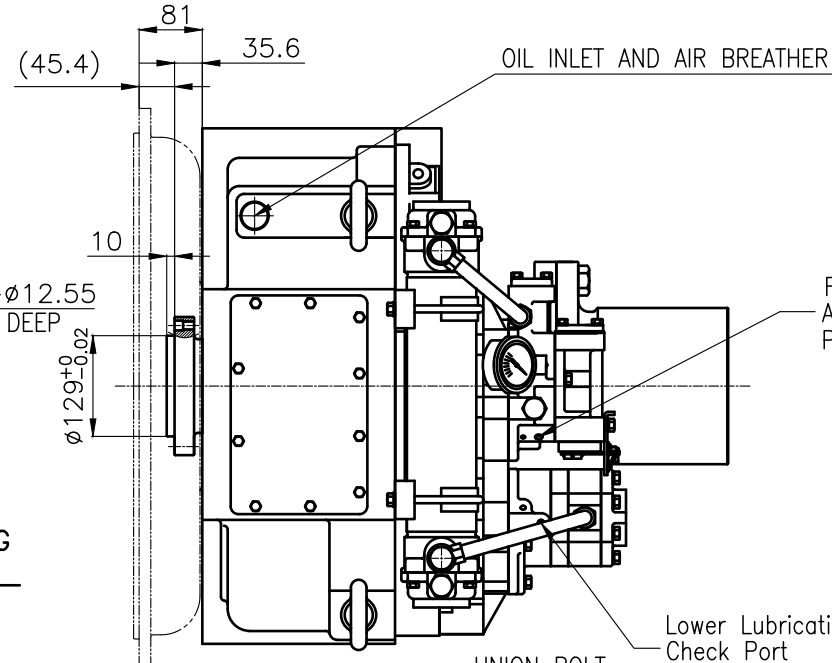
공 동 공 차 TOLERANCE ON						번호 NO.		품 PART NO.		명 PART NAME		개 수 Q'TY		재 질 MATERIAL		규 SIZE		비 고 REMARKS			
분 수 소 수 각 도 FRACTIONS DECIMALS ANGLES ± ± ±						재 질 MATERIAL						형 식 TYPE		DMT300HL		원 도 번 ORIGINAL DWG. NO.					
절 삭 가 공 구 연 조 급 종 급 정 급 1 초 과 4 이 하 ± 0.3 ± 0.1 ± 0.05 4 16 ± 0.5 ± 0.2 ± 0.07 16 63 ± 0.7 ± 0.3 ± 0.1 63 250 ± 1.2 ± 0.5 ± 0.2 250 1000 ± 2.0 ± 0.8 ± 0.3								작 성 DATE 2018.06.29		척 도 SCALE N/S		품 명 NAME		MARINE TRANSMISSION		도 번 DWG. NO.		30000GA~E-016RC		개 정 (REV.) 000	
						승 인 APPROVED BY JK.Kim		검 도 CHECKED BY TH.Cha		제 도 DRAWN GH.Park		설 계 DESIGNED									
 D-I INDUSTRIAL						크 기 SIZE		A 3		코-드 번 호 CODE ID. NO.											



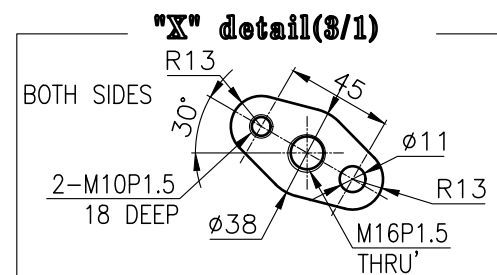
OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION



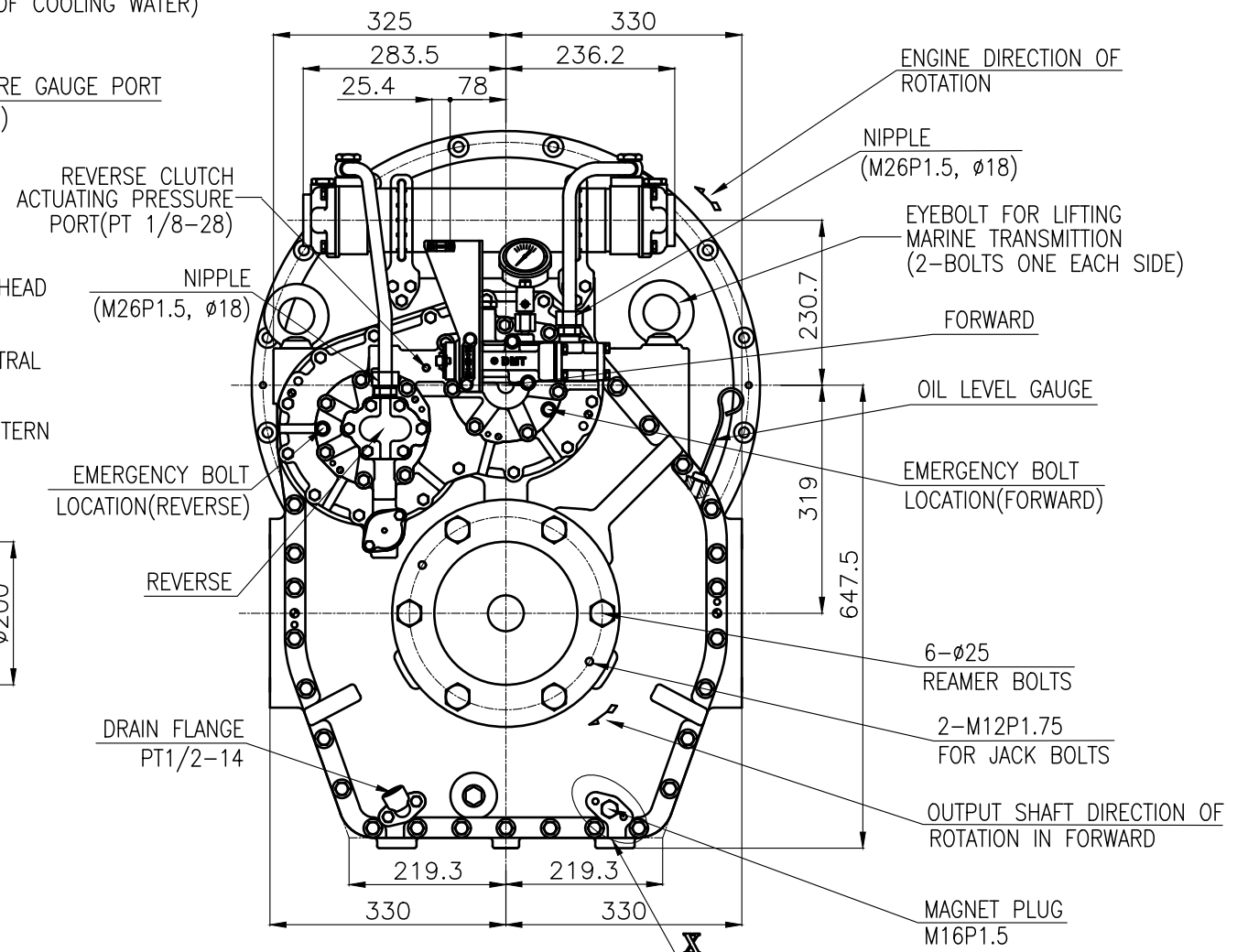
INPUT COUPLING DIMENSION



BRACKET DIMENSION



DMT300HL MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	2.61, 3.10, 3.56, 4.13, 4.59		
TOTAL WEIGHT	APPROX. 748 Kg(DRY)		
OIL CAPACITY	APPROX. 16.5 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED FROM THE STERN	
OIL CHANGE INTERVAL	THE FIRST 100HOURS OF INITIAL OPERATION		
	AND EVERY 1000HOURS THEREAFTER		
SHIFTING LIMIT	UNDER 50% OF THE RATED ENGINE SPEED		
OIL COOLER	WATER FLOW 90 ~ 120L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



REMARK	9-
1.HOUSING: SAE#0	2-
2.DRIVING RING: SAE 14"	
3.COUPLING TYPE : RUBBER	

허용 공차 TOLERANCE ON						번호 NO.	품번 PART NO.	품명 PART NAME		개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS	
분수 FRACTIONS 소수 DECIMALS 각도 ANGLES												원도 번호 ORIGINAL DWG. NO.		
± ± ±						재질 MATERIAL				형식 TYPE	DMT300HL			
절삭 가공							작성 DATE 2018.06.29	척도 SCALE N/S		품명 NAME MARINE TRANSMISSION				
						승인 APPROVED BY	검토 CHECKED BY	제도 DRAWN	설계 DESIGNED					
						1 초과 4 이하	± 0.3	± 0.1	± 0.05	JK.Kim	TH.Cha	BJ.Moon		
						4 16	± 0.5	± 0.2	± 0.07					
						16 63	± 0.7	± 0.3	± 0.1					
63 250	± 1.2	± 0.5	± 0.2											
250 1000	± 2.0	± 0.8	± 0.3											
D-I INDUSTRIAL							크기 SIZE	A 3	코드 번호 CODE ID. NO.	30000GA~E-014RC	개칭 (REV.) 000			