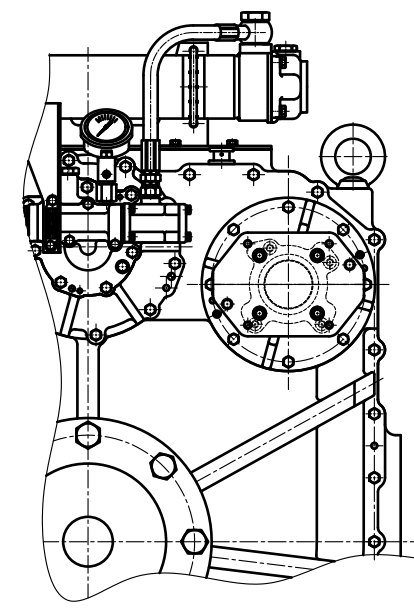
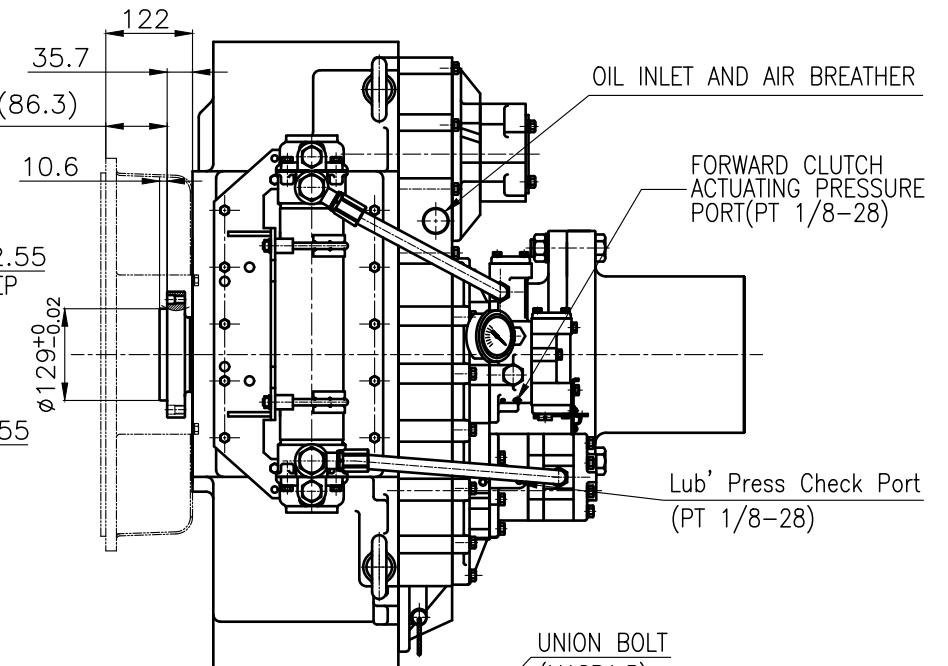
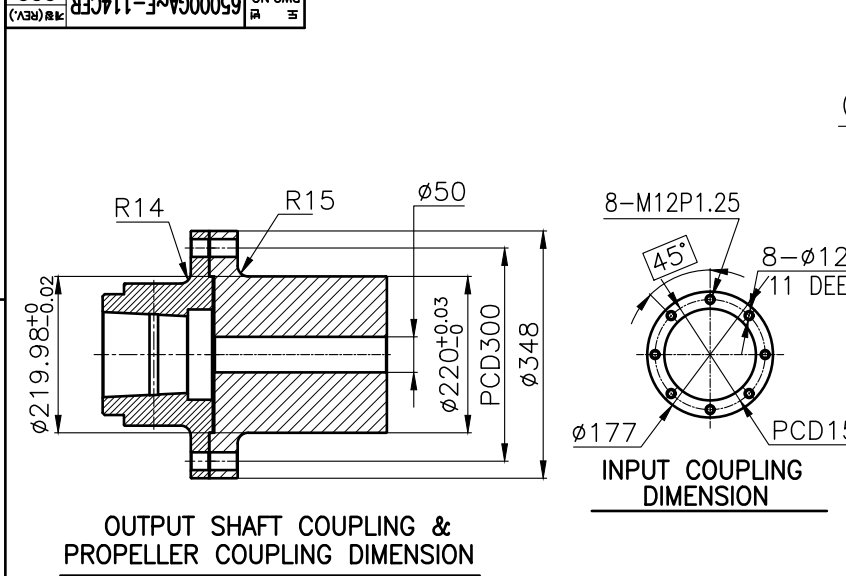
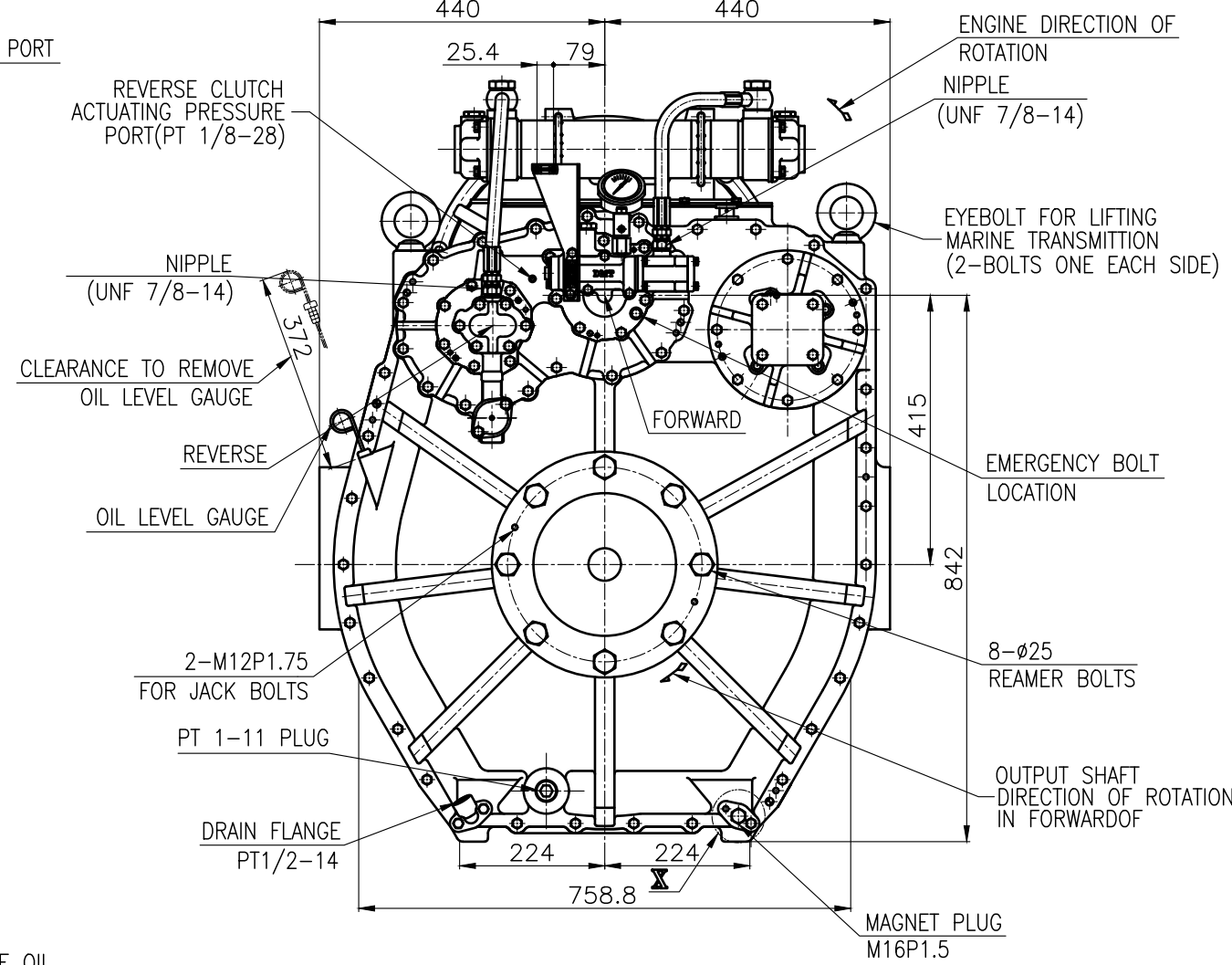
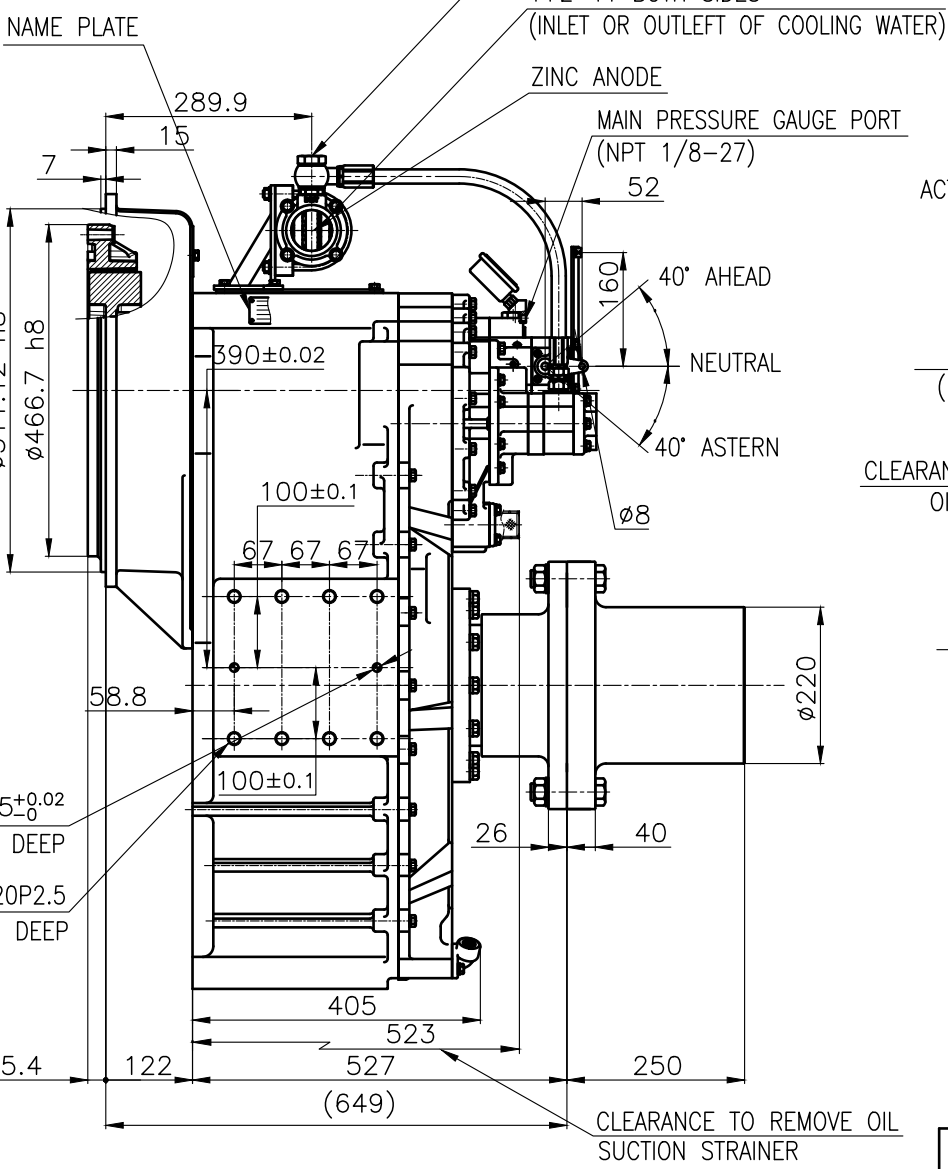
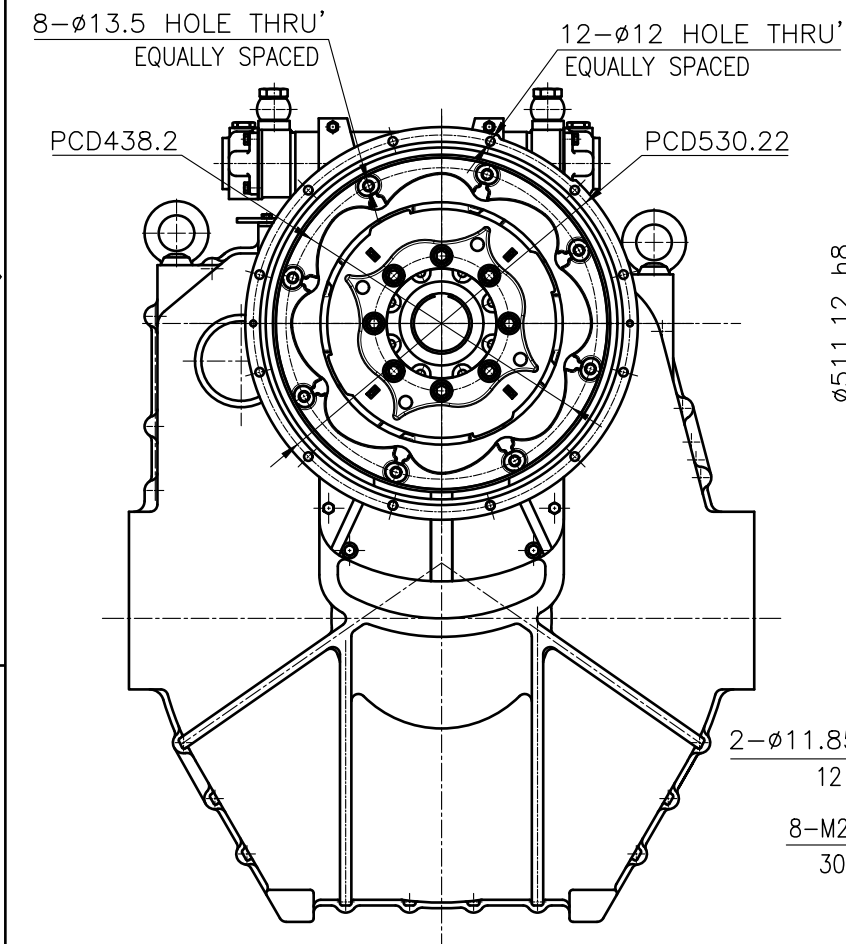




DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED 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 40 ~ 60 L/m		MAX 32°
	TEMPERATURE OF COOLING WATER		
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



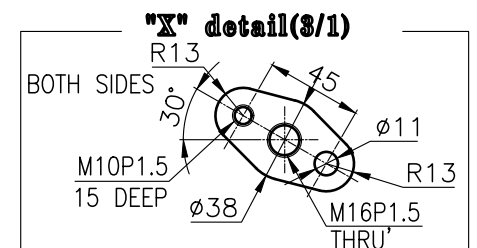
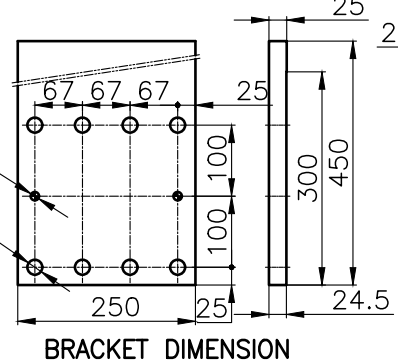
REMARK

1. HOUSING: SAE#1

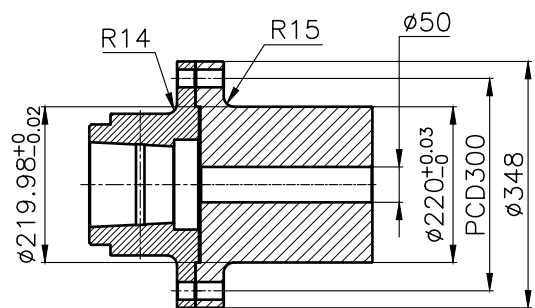
2. DRIVING RING: SAE 14"

3. COUPLING TYPE

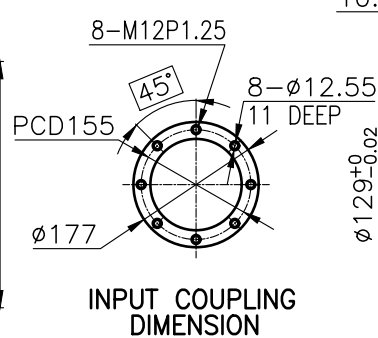
-CENTA Flex Coupling : 77268801



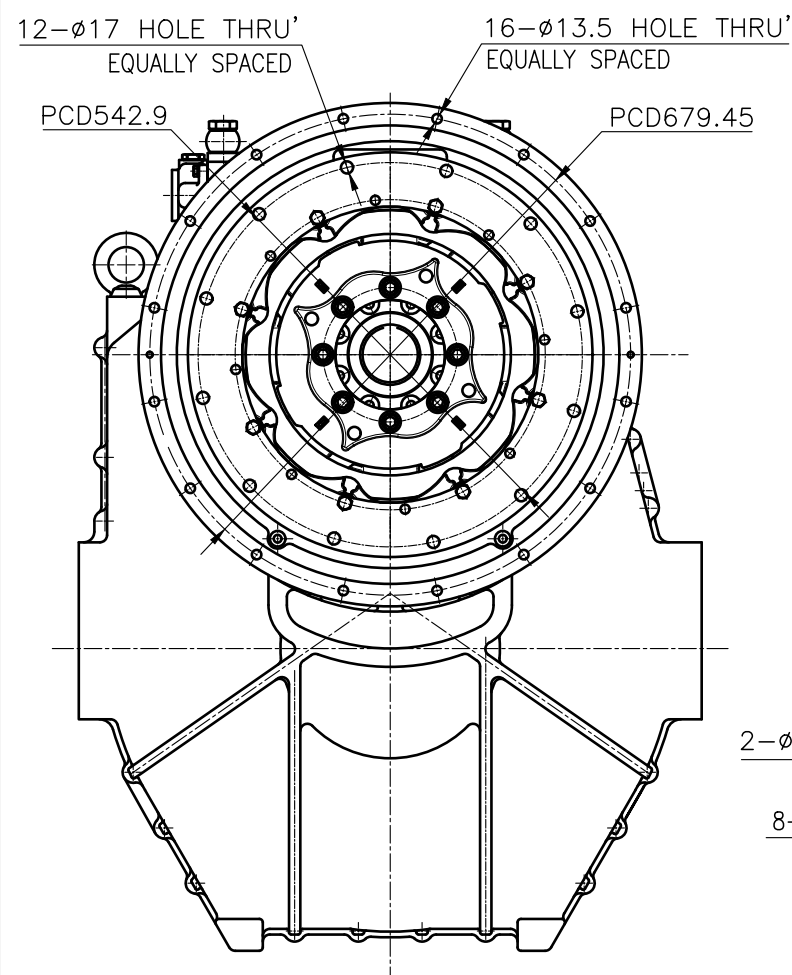
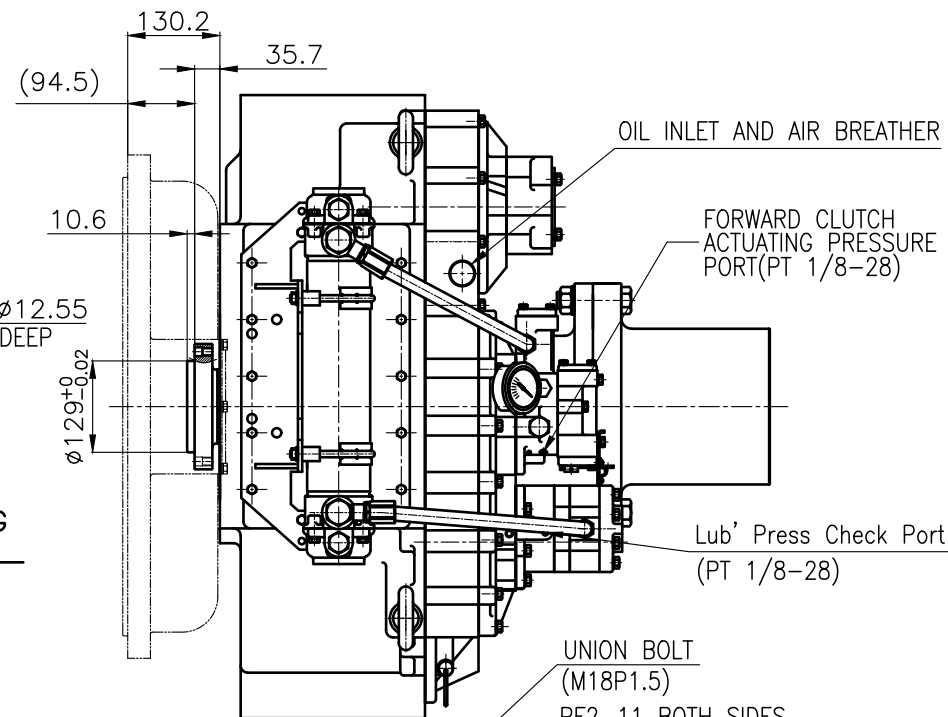
공 통 공 차 TOLERANCE ON					번호 NO.	부 PART NO.	부 PART NAME		개 수 QTY	재 집 MATERIAL	규 SIZE	비 고 REMARKS	
분 수 소 수 각 도 FRACTIONS DECIMALS ANGLES					재 집 MATERIAL				형 식 TYPE	DMTP6500		원 도 번 ORIGINAL DWG. NO.	
± — ± — ± —							작 성 DATE 2018.06.29	척 도 SCALE N/S	부 명 NAME	MARINE TRANSMISSION			
절 삭 가 공					승 인 APPROVED BY JK.Kim	검 도 CHECKED BY TH.Cha	제 도 DRAWN CH.Baek	설 계 DESIGNED	도 번 DWG. NO.	65000GA~E-114CFR		개 형 (REV.) 000	
절 삭 가 공					D-I INDUSTRIAL				크 기 SIZE	A 3	코 -드 번 호 CODE ID. NO.		
절 삭 가 공													
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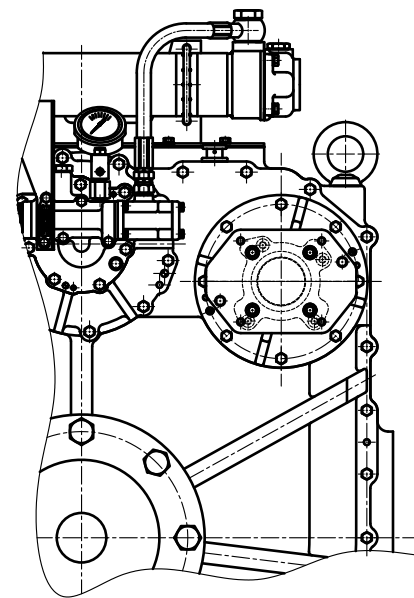
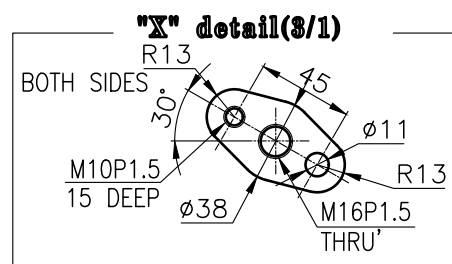
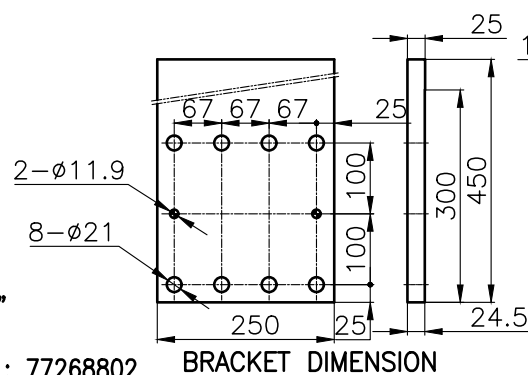
OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION



INPUT COUPLING
DIMENSION

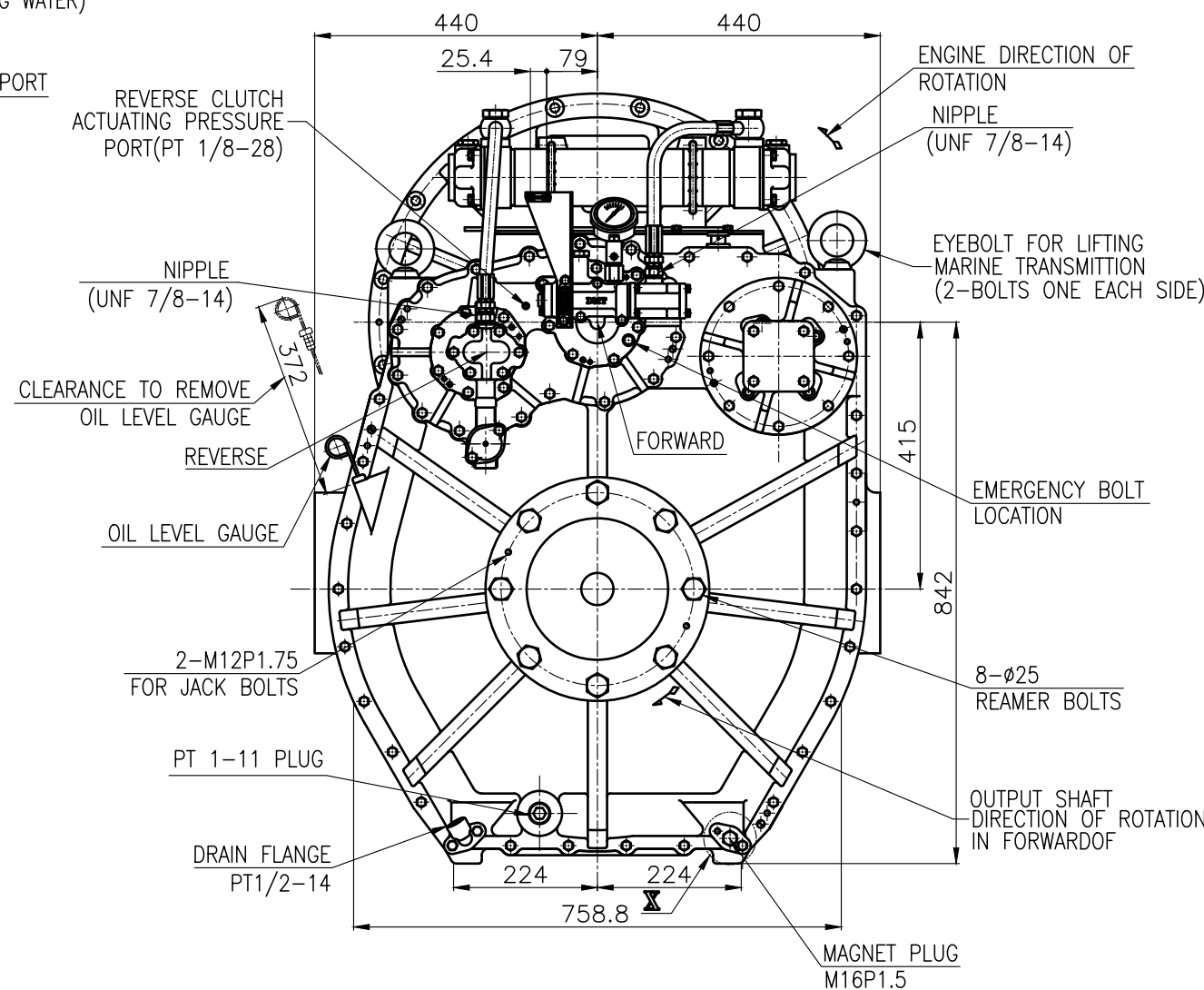


REMARK
1. HOUSING: SAE#0
2. DRIVING RING: SAE 18"
3. COUPLING TYPE
-CENTA Flex Coupling : 77268802

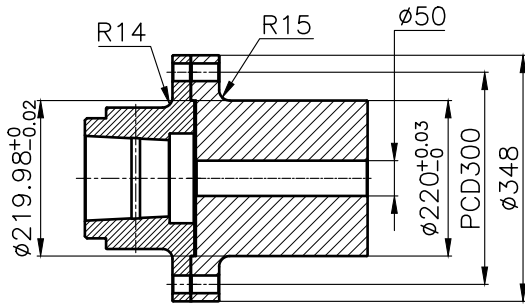


P.T.O ATTACHED

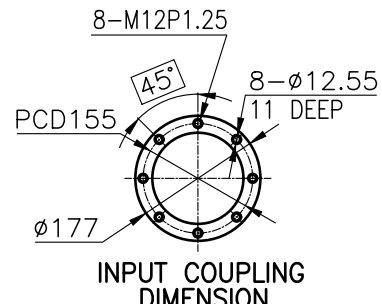
DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED 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 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



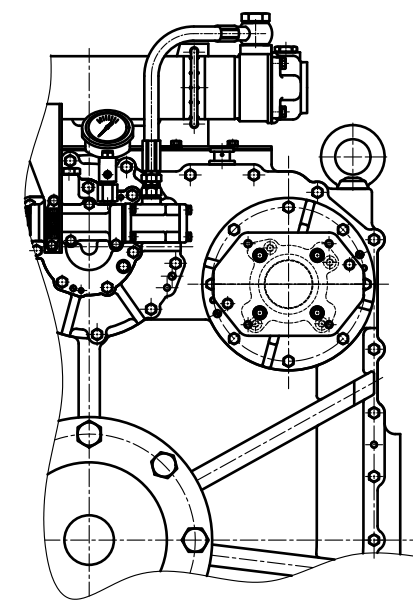
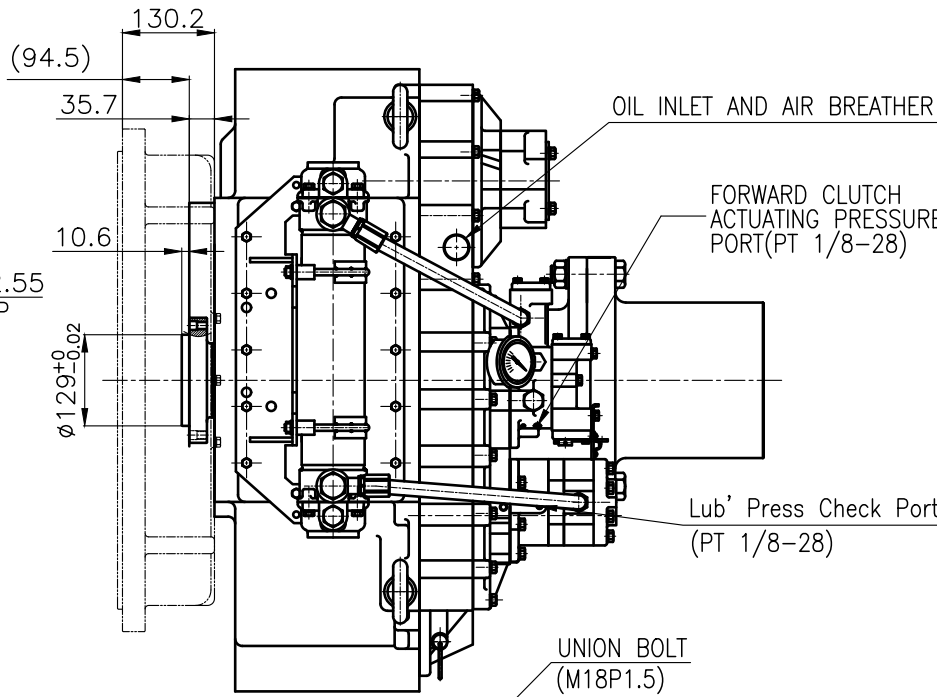
TOLERANCE ON				PART NO.		PART NAME		Q'TY		MATERIAL		SIZE		REMARKS	
분수	소수	각도		NO.		NAME		Q'TY		MATERIAL		SIZE		REMARKS	
±	±	±													
1 초과 4 이하	± 0.3	± 0.1	± 0.05												
4 16	± 0.5	± 0.2	± 0.07												
16 63	± 0.7	± 0.3	± 0.1												
63 250	± 1.2	± 0.5	± 0.2												
250 1000	± 2.0	± 0.8	± 0.3												
D-I INDUSTRIAL				DATE		SCALE		TYPE		DMTP6500		SIZE		REMARKS	
				2018.06.29		N/S									
				APPROVED BY		CHECKED BY		DRAWN		DESIGNED		NAME		MARINE TRANSMISSION	
				JK.Kim		TH.Cha		CH.Baek				DWG. NO.		65000GA~E-018CFR	
												SIZE		A 3	
												CODE ID. NO.			



OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION

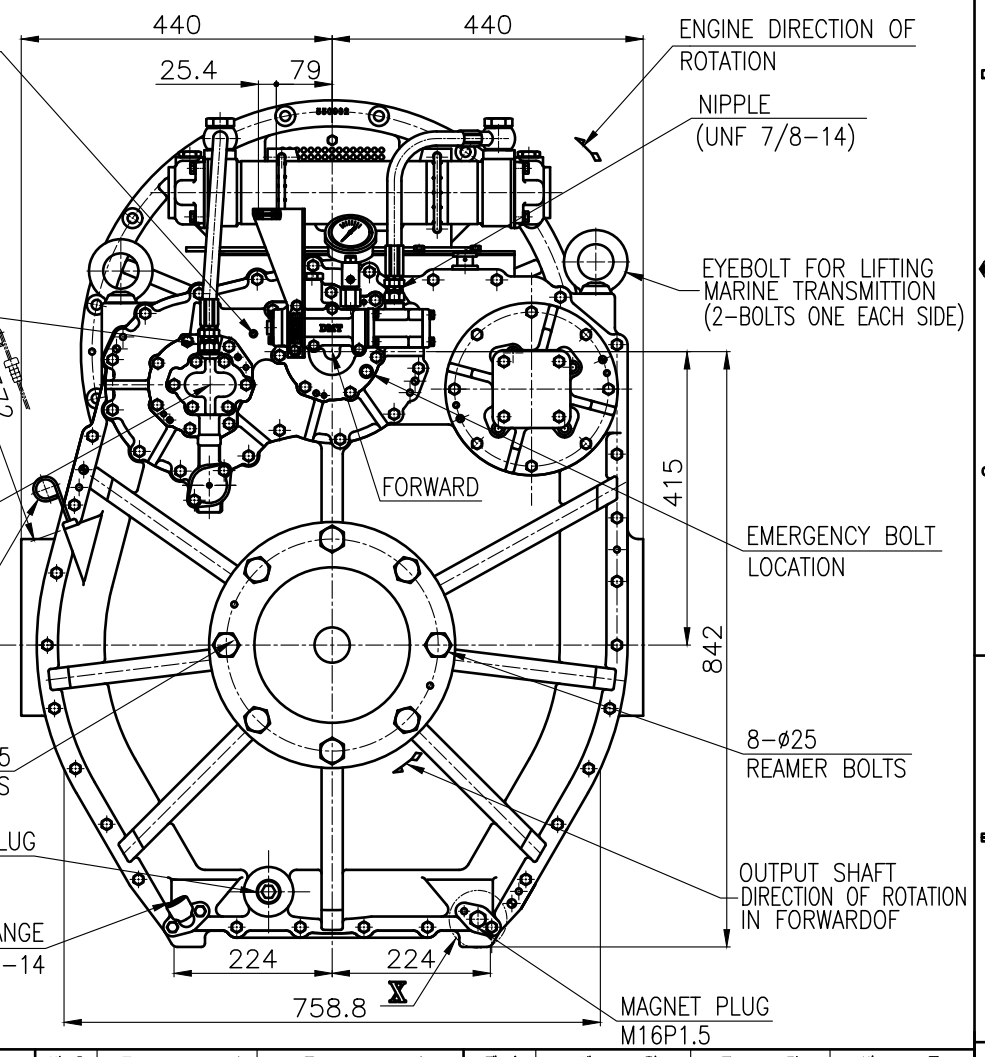
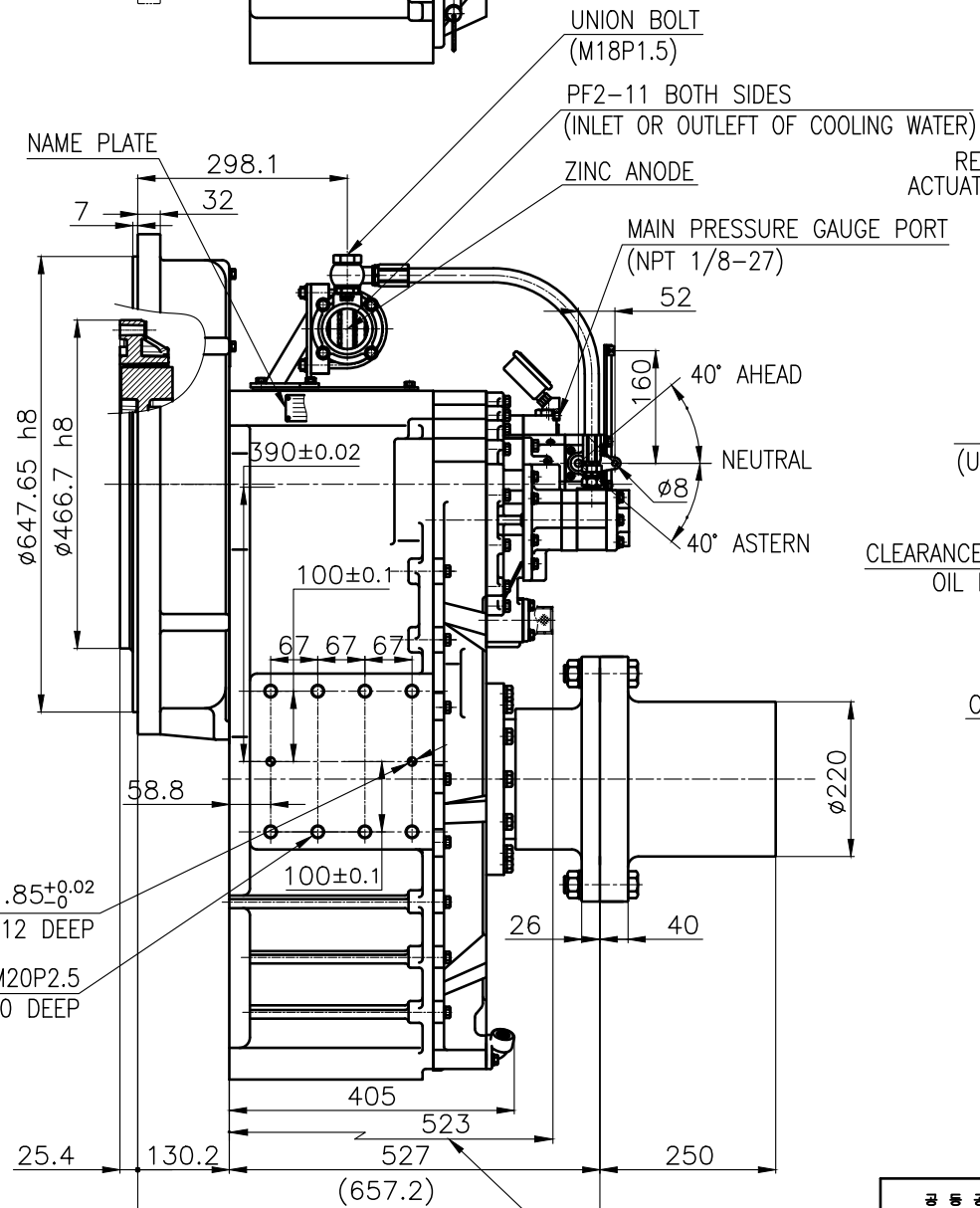
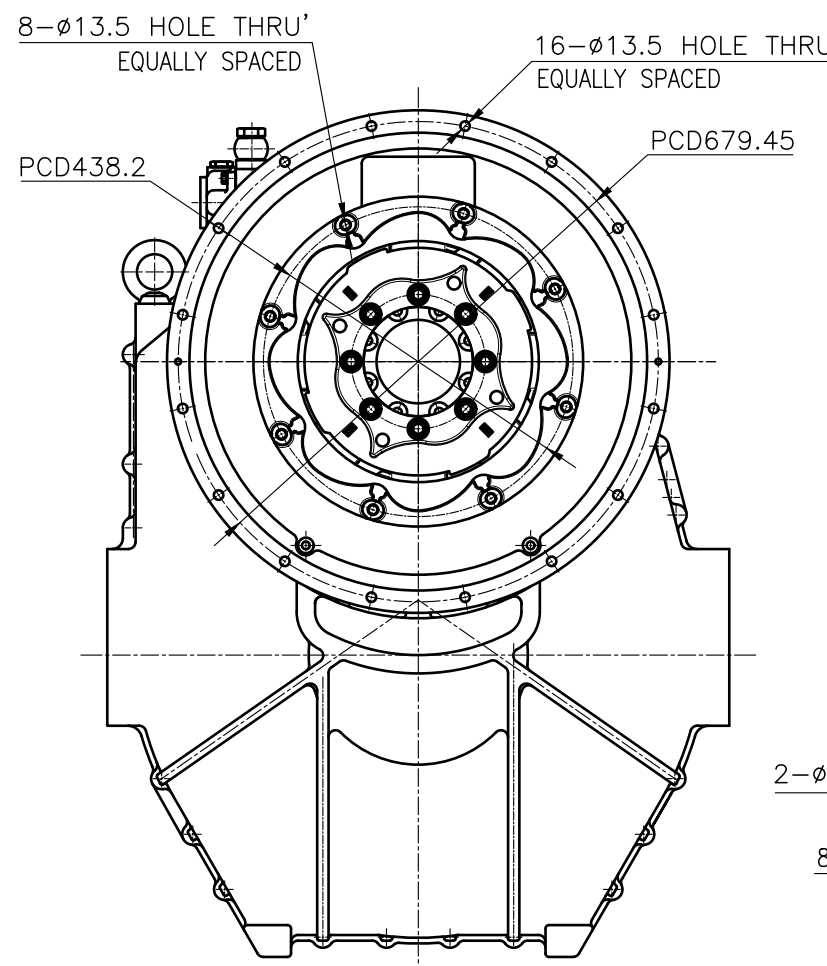


INPUT COUPLING
DIMENSION

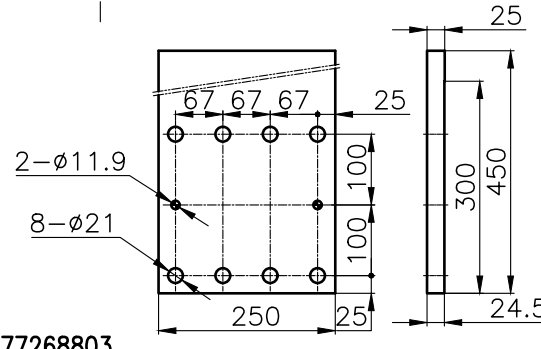


P.T.O ATTACHED

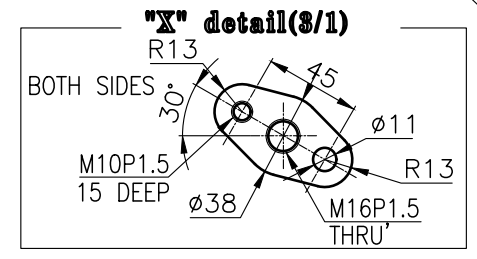
DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa		CLUTCH OIL
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED 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 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER			UNDER 2.94Nm



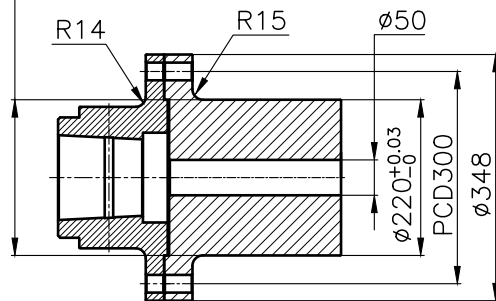
REMARK
1.HOUSING: SAE#0
2.DRIVING RING: SAE 14"
3.COUPLING TYPE
-CENTA Flex Coupling : 77268803



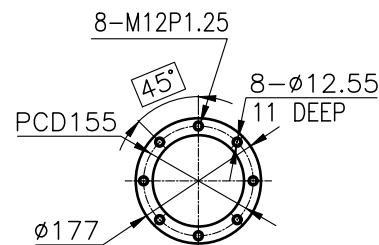
BRACKET DIMENSION



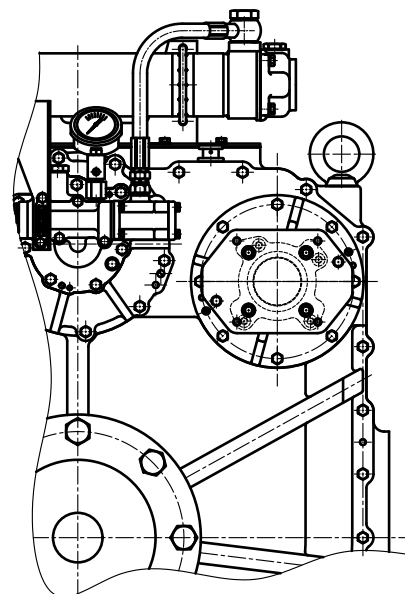
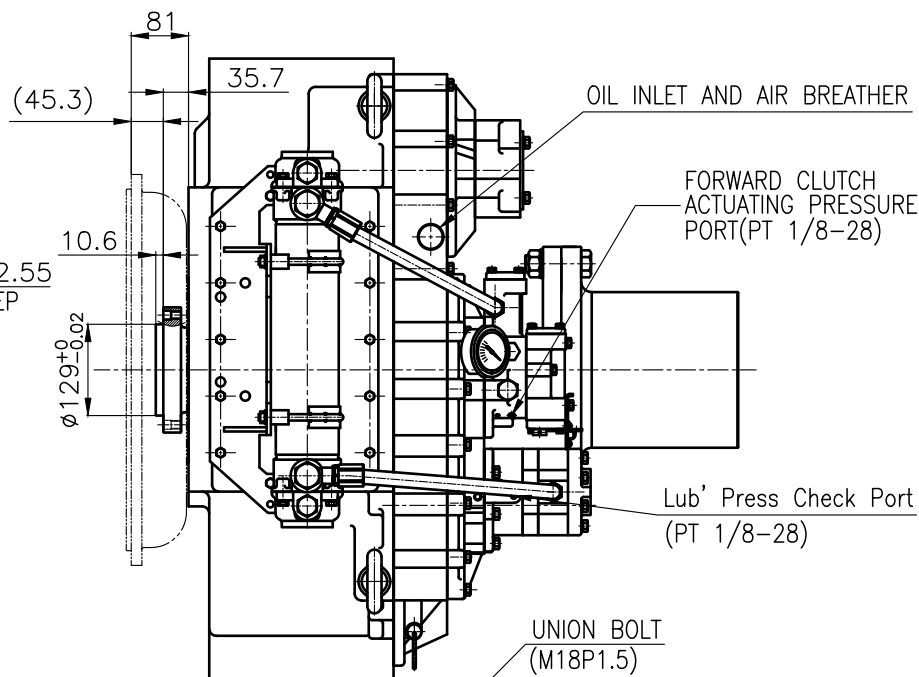
공통공차 TOLERANCE ON				번호 NO.	품 PART NO.	품 PART 명	개 수 Q'TY	재 MATERIAL	규 SIZE	비 REMARKS
분 수 FRACTIONS	소 수 DECIMALS	각 도 ANGLES		제 MATERIAL	작 성 DATE 2018.06.29	척 도 SCALE N/S	형 식 TYPE	DMTP6500		
±	±	±		승 인 APPROVED BY JK.Kim	검 도 CHECKED BY TH.Cha	제 도 DRAWN CH.Baek	품 명 NAME	MARINE TRANSMISSION		
일	구 분	조 급	중 급	정 급	검 도	제 도	설 계	도 번 DWG. NO.	65000GA~E-014CFR	개 정 (REV.) 000
1 초과 4 이하	16	± 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	코 드 번 호 CODE ID. NO.	

$$\phi 219.98^{+0}_{-0.02}$$


OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

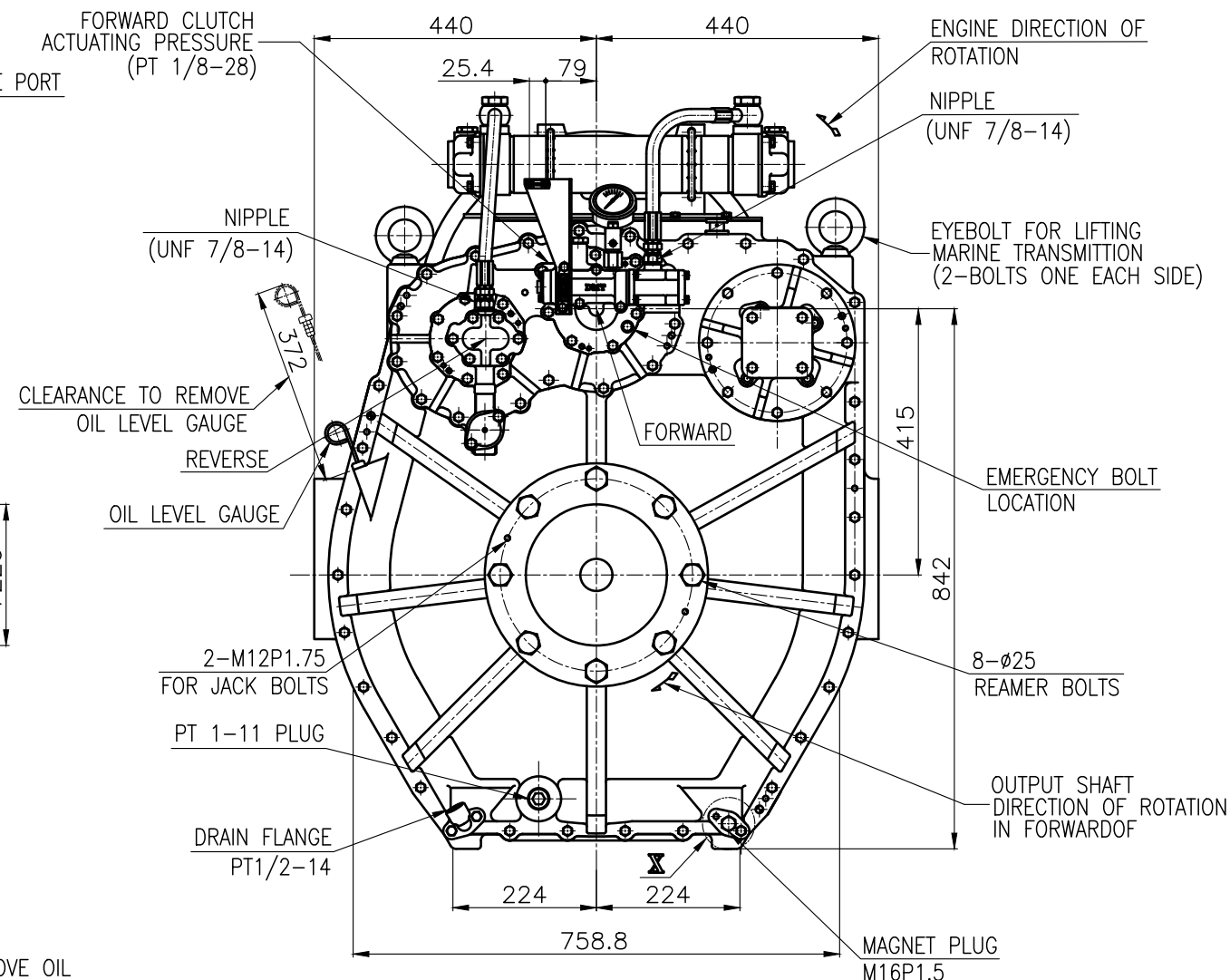
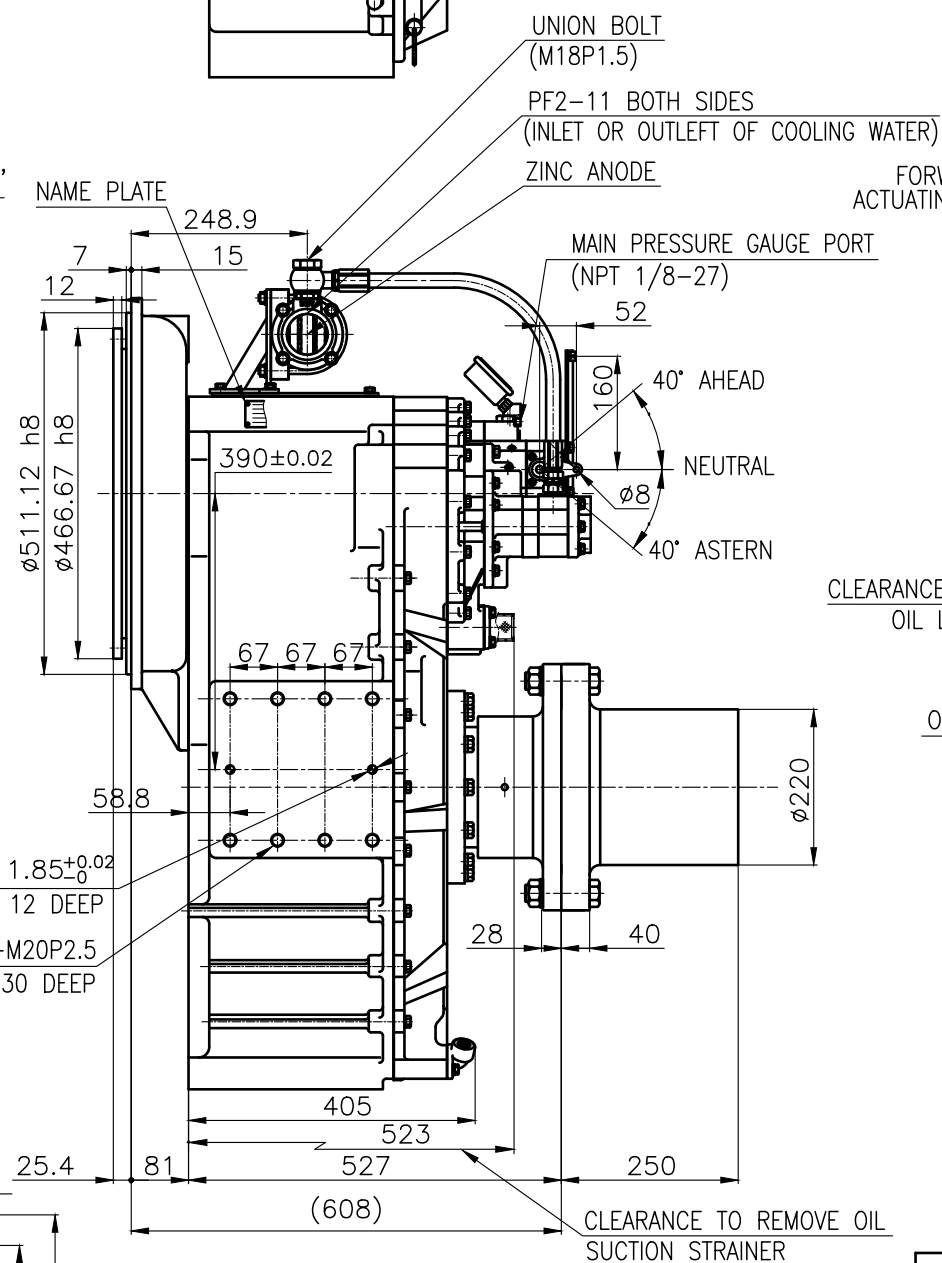
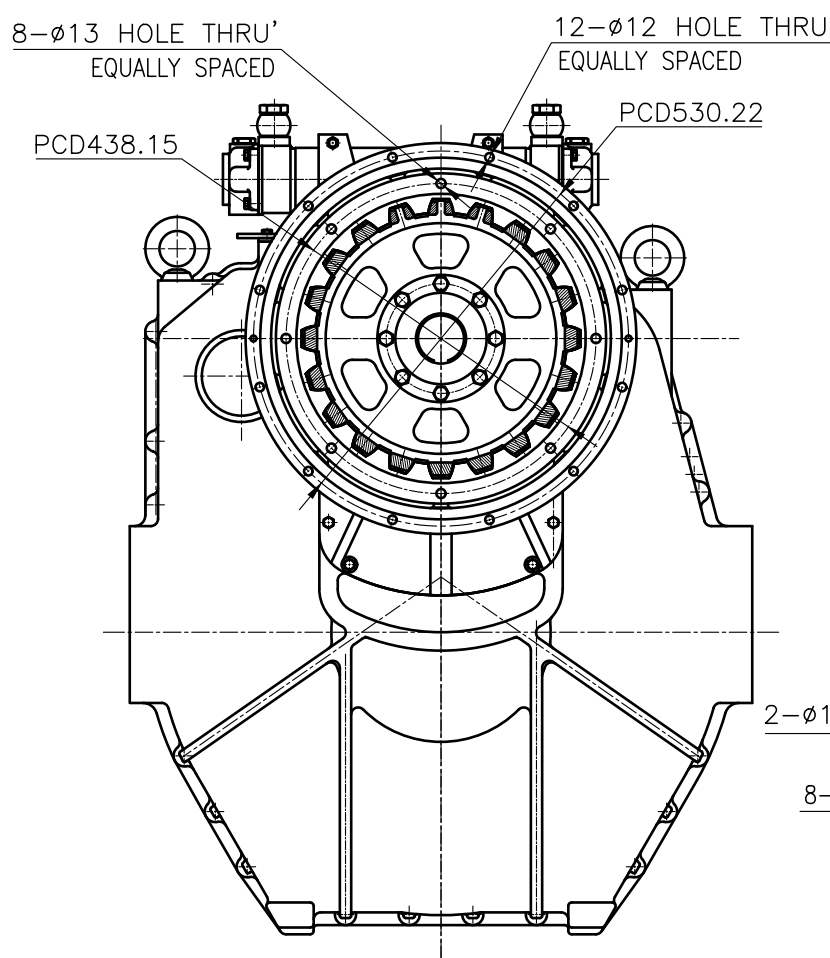


INPUT COUPLING DIMENSION

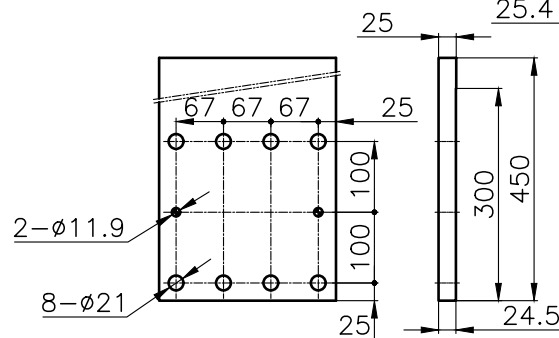


P.T.O ATTACHED

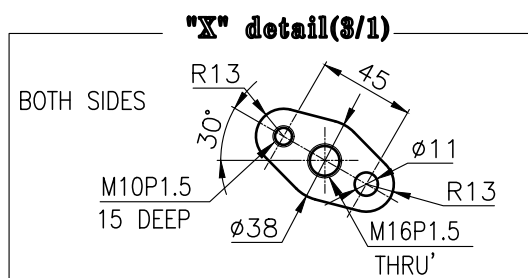
DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 L		
OIL VISCOSITY	SAE # 30		
OIL PRESSURE	1.96 ~ 2.54 MPa	CLUTCH OIL	
DIRECTION OF ROTATION IN FORWARD	INPUT	C.C.W VIEWED FROM THE STERN	
	OUTPUT	C.W VIEWED 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 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	

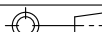


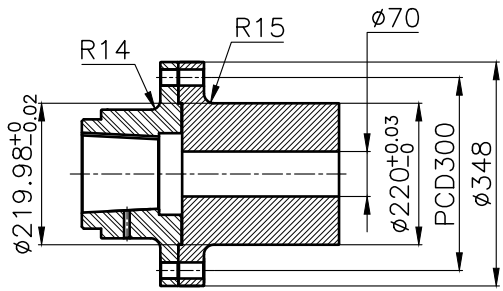
- REMARK
1.HOUSING: SAE#1
2.DRIVING RING: SAE 14"
3.COULING TYPE : RUBBER



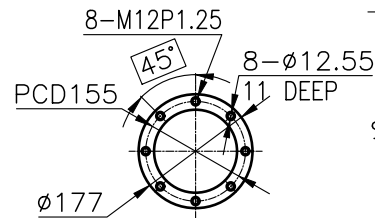
BRACKET DIMENSION



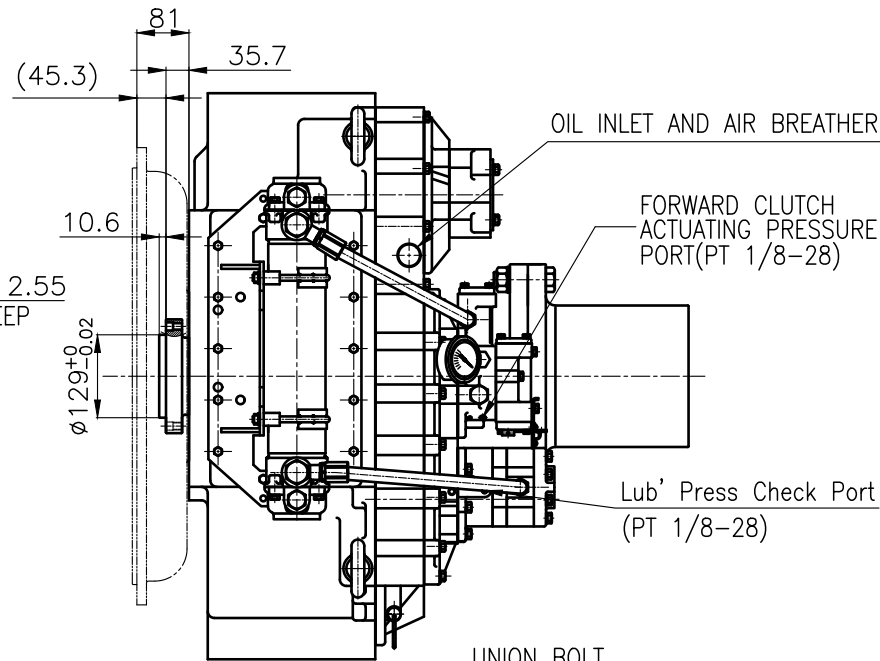
공 통 공 차 TOLERANCE ON						번호 NO.		품 PART NO.		명 PART NAME		개 수 Q'TY		재 질 MATERIAL		규 SIZE		비 고 REMARKS																															
분 수 FRACTIONS 소 수 DECIMALS 각 도 ANGLES						재 질 MATERIAL						형 식 TYPE		DMTP6500		원 도 번 ORIGINAL DWG. NO.																																	
± — ± — ± —								작 성 DATE 2018.06.29		척 도 SCALE N/S		품 명 NAME		MARINE TRANSMISSION																																			
절삭가공 <table><thead><tr><th>구</th><th>단</th><th>조급</th><th>중급</th><th>정급</th></tr></thead><tbody><tr><td>1조과 4이하</td><td>± 0.3</td><td>± 0.1</td><td>± 0.05</td><td></td></tr><tr><td>4 16</td><td>± 0.5</td><td>± 0.2</td><td>± 0.07</td><td></td></tr><tr><td>16 63</td><td>± 0.7</td><td>± 0.3</td><td>± 0.1</td><td></td></tr><tr><td>63 250</td><td>± 1.2</td><td>± 0.5</td><td>± 0.2</td><td></td></tr><tr><td>250 1000</td><td>± 2.0</td><td>± 0.8</td><td>± 0.3</td><td></td></tr></tbody></table>						구	단	조급	중급	정급	1조과 4이하	± 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		검 도 CHECKED BY		제 도 DRAWN		설 계 DESIGNED		도 번 DWG. NO.		65000GA~E-114RC		개정 (REV.) 000	
						구	단	조급	중급	정급																																							
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63 250	± 1.2	± 0.5	± 0.2																																														
250 1000	± 2.0	± 0.8	± 0.3																																														
 D-I INDUSTRIAL						크 기 SIZE		A 3		코 드 번 호 CODE ID. NO.																																							



OUTPUT SHAFT COUPLING &
PROPELLER COUPLING DIMENSION



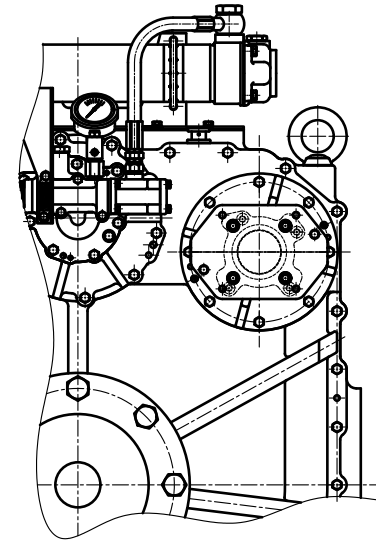
INPUT COUPLING
DIMENSION



OIL INLET AND AIR BREATHER

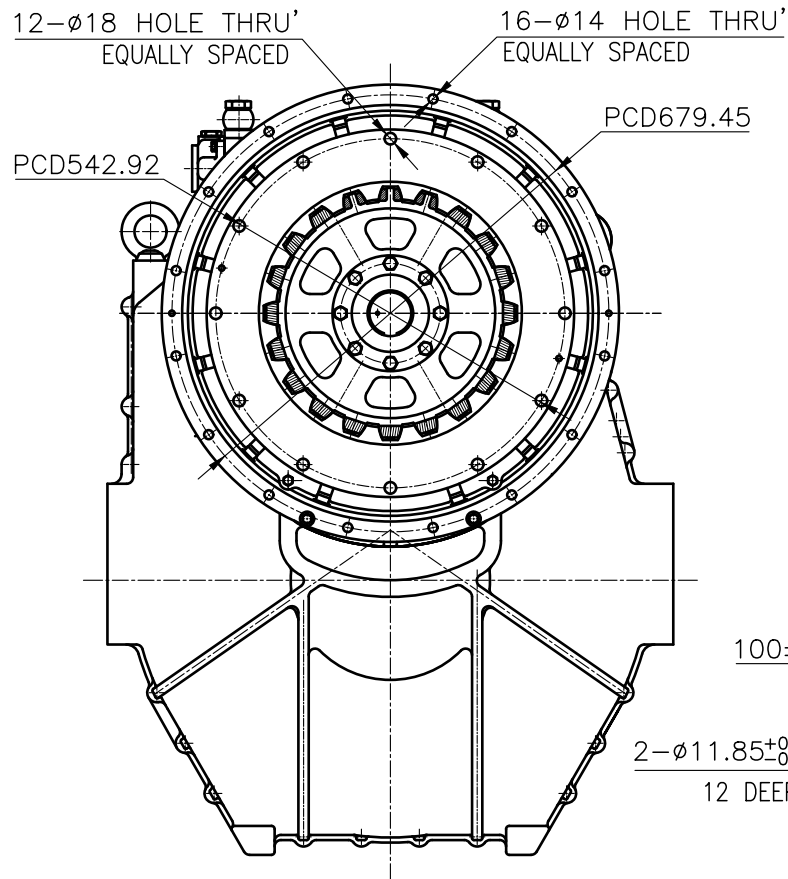
FORWARD CLUTCH
ACTUATING PRESSURE
PORT (PT 1/8-28)

Lub' Press Check Port
(PT 1/8-28)



P.T.O ATTACHED

DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 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 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



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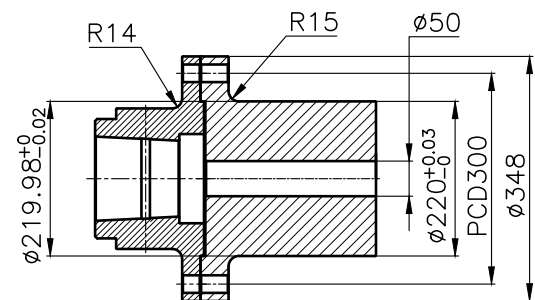
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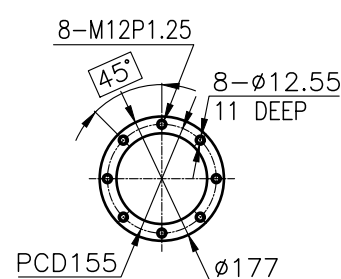
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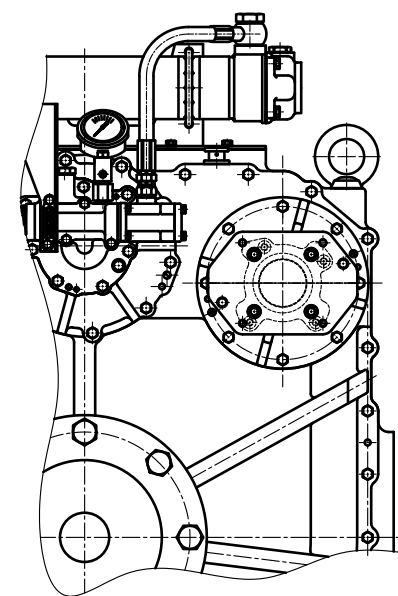
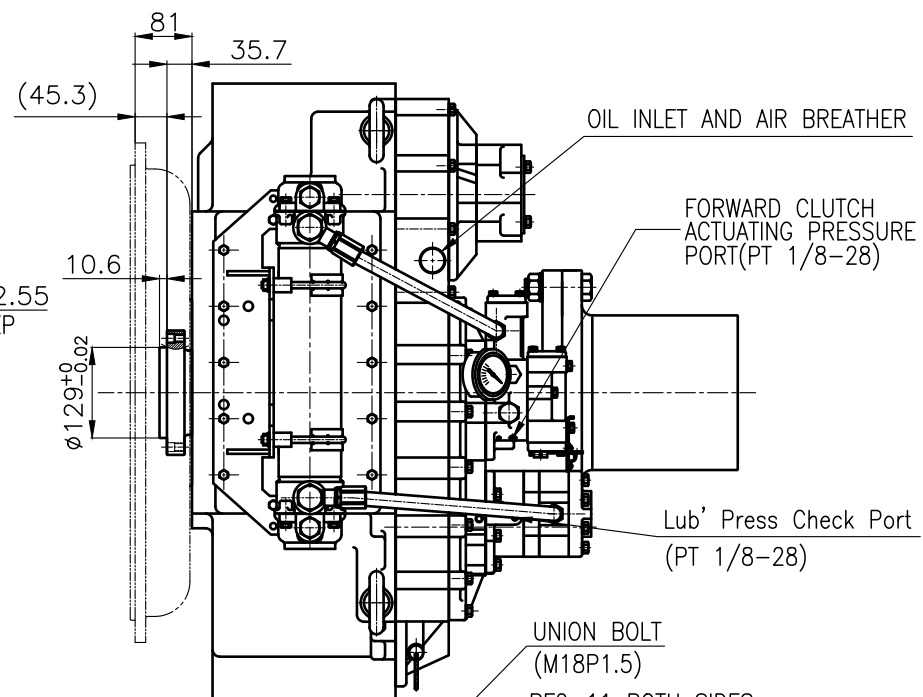
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OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

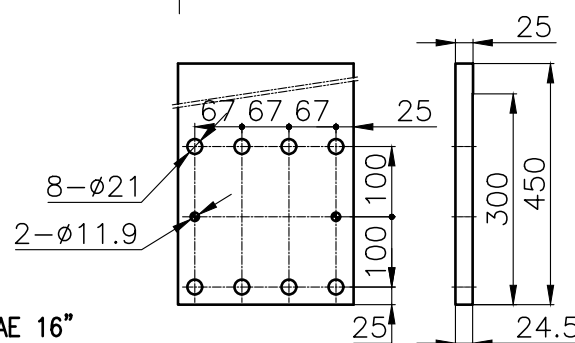
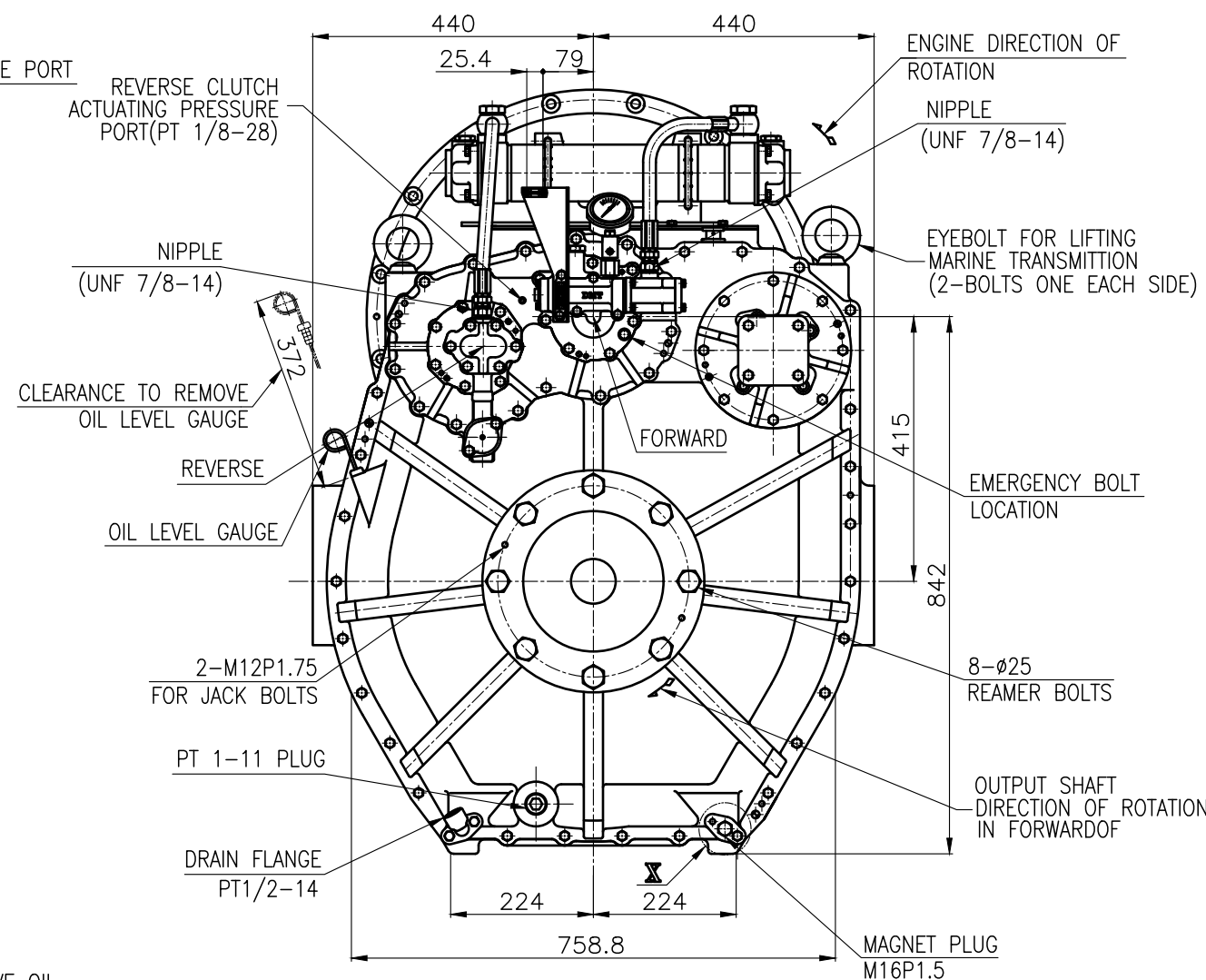
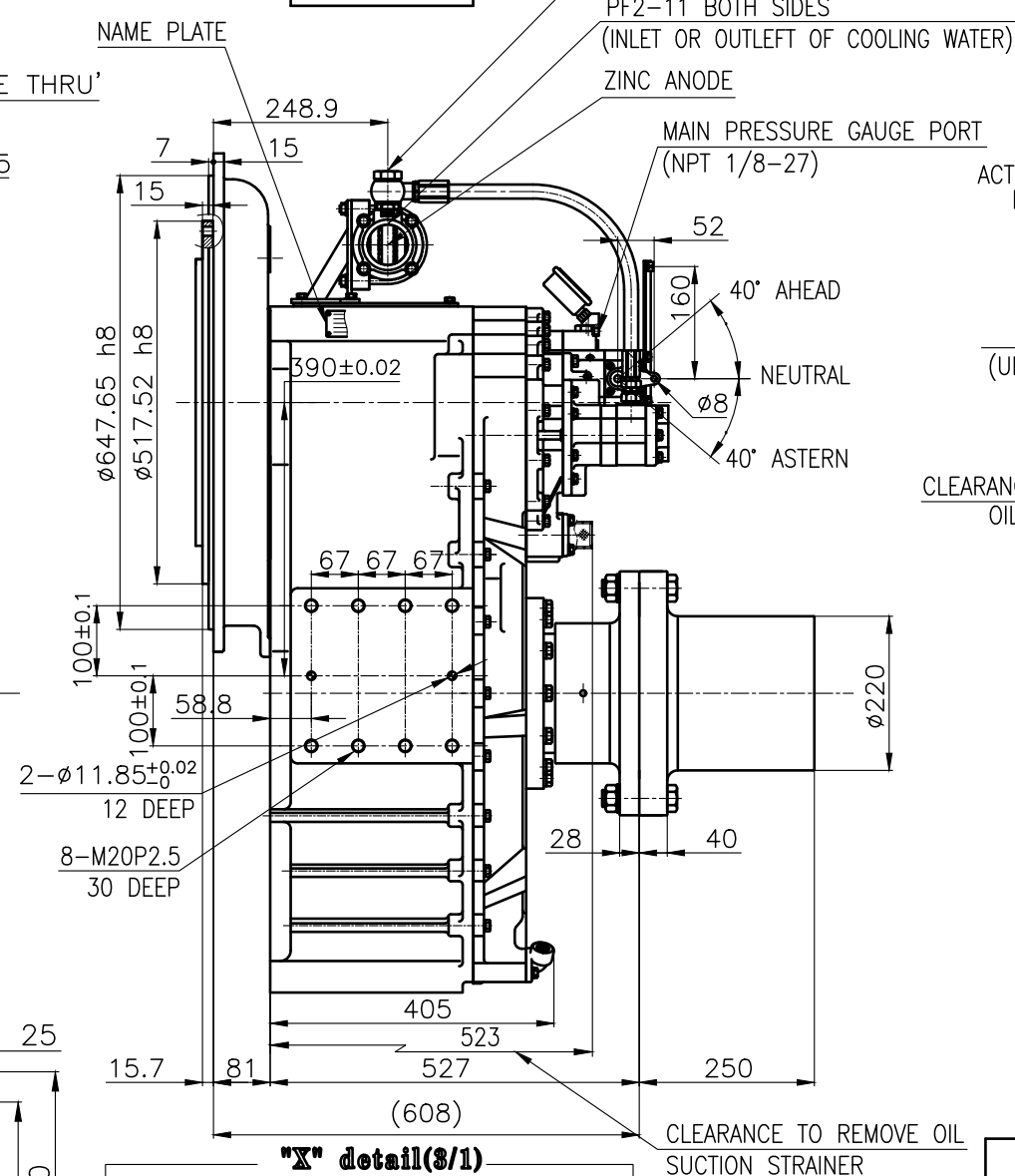
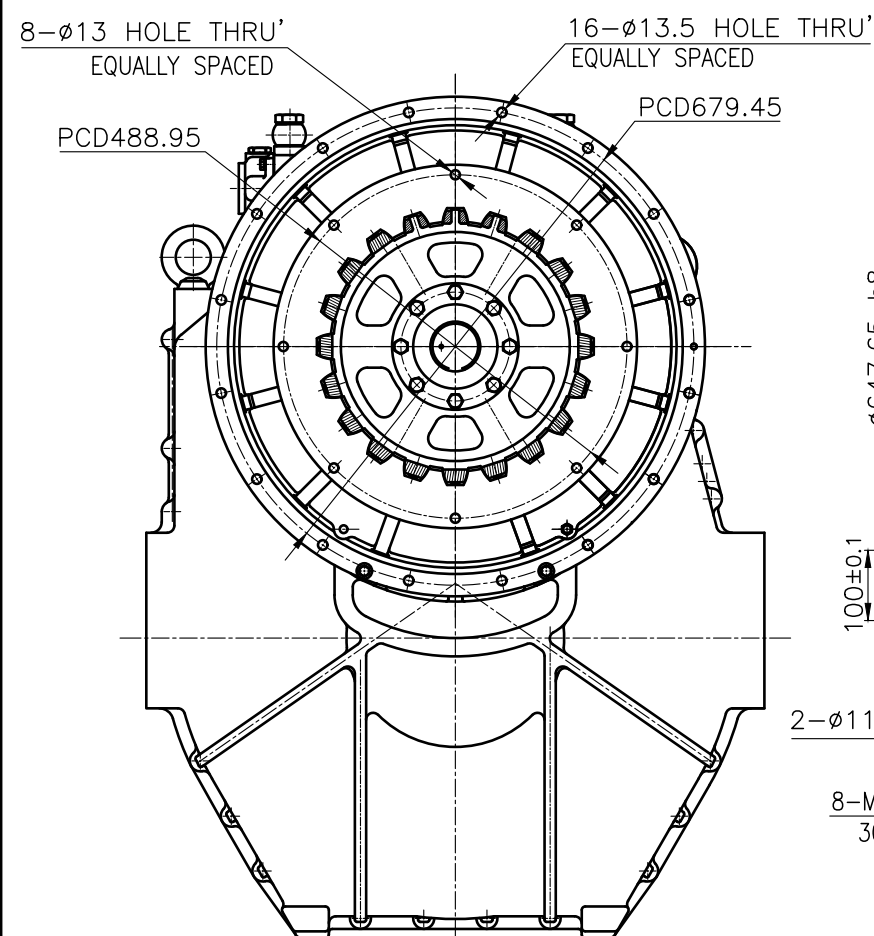


INPUT COUPLING DIMENSION

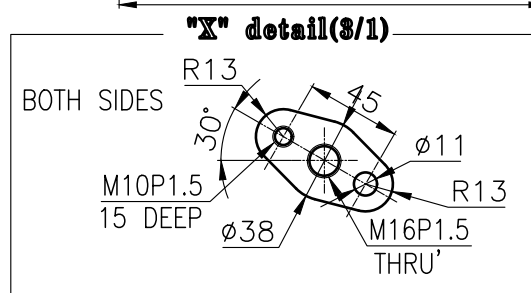


P.T.O ATTACHED

DMTP 6500 MARINE TRANSMISSION SPECIFICATION			
GEAR RATIO	5.11, 5.62, 5.91, 6.57, 6.95		
TOTAL WEIGHT	APPROX. 900 Kg(DRY)		
OIL CAPACITY	APPROX. 40 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 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	

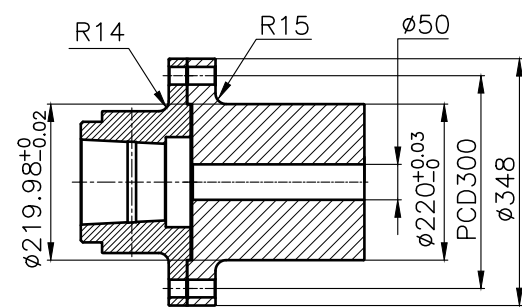


BRACKET DIMENSION

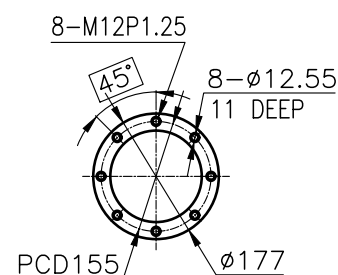


CLEARANCE TO REMOVE OIL SUCTION STRAINER

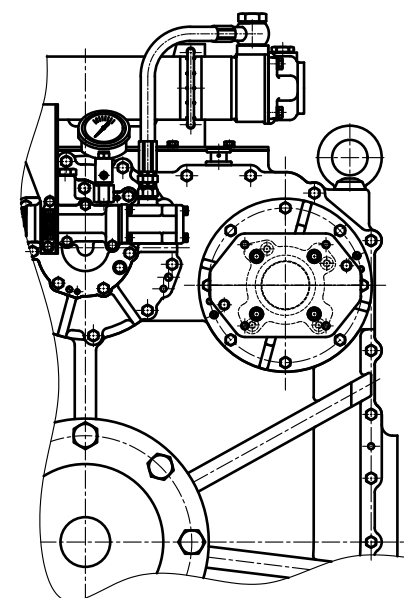
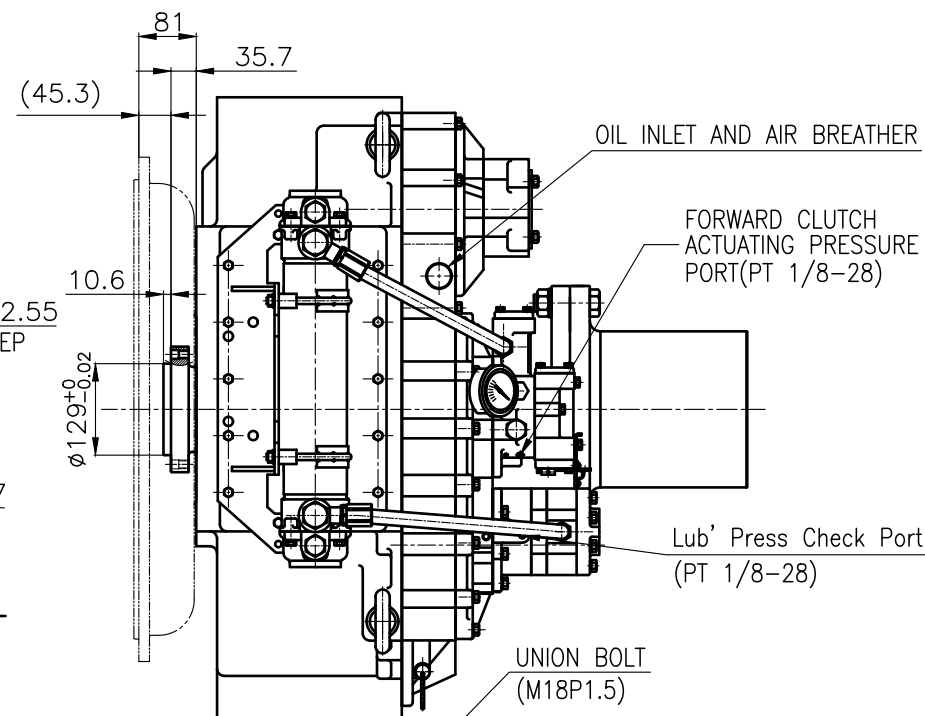
허용 공차 TOLERANCE ON 분수 소수 각도 FRACTIONS DECIMALS ANGLES $\pm$ $\frac{\quad}{\quad}$ $\pm$ $\quad$ $\pm$ $\quad^\circ$		번호 NO. 품 PART NO. 품 PART NAME		개수 Q'TY	재질 MATERIAL	규격 SIZE	비고 REMARKS
		재질 MATERIAL  작성 DATE 2018.06.29 척도 SCALE N/S		형식 TYPE	DMTP6500		원도 번호 ORIGINAL DWG. NO.
		승인 APPROVED BY 검토 CHECKED BY 제도 DRAWN 설계 DESIGNED		품명 NAME	MARINE TRANSMISSION		
		JK.Kim TH.Cha MA.Kim		도번 DWG. NO.	65000GA~E-016RC		개정 (REV.) 000
일 구 1 초과 4 이하 4 16 16 63 63 250 250 1000		집삭가공 조급 ± 0.3 ± 0.5 ± 0.7 ± 1.2 ± 2.0		중급 ± 0.1 ± 0.2 ± 0.3 ± 0.5 ± 0.8		정급 ± 0.05 ± 0.07 ± 0.1 ± 0.2 ± 0.3	
차		 D-I INDUSTRIAL		크기 SIZE	 A 3	코-드 번호 CODE ID. NO.	



OUTPUT SHAFT COUPLING & PROPELLER COUPLING DIMENSION

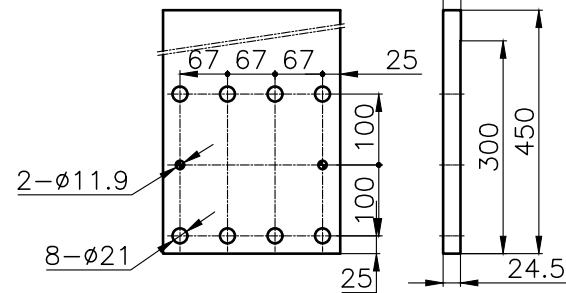
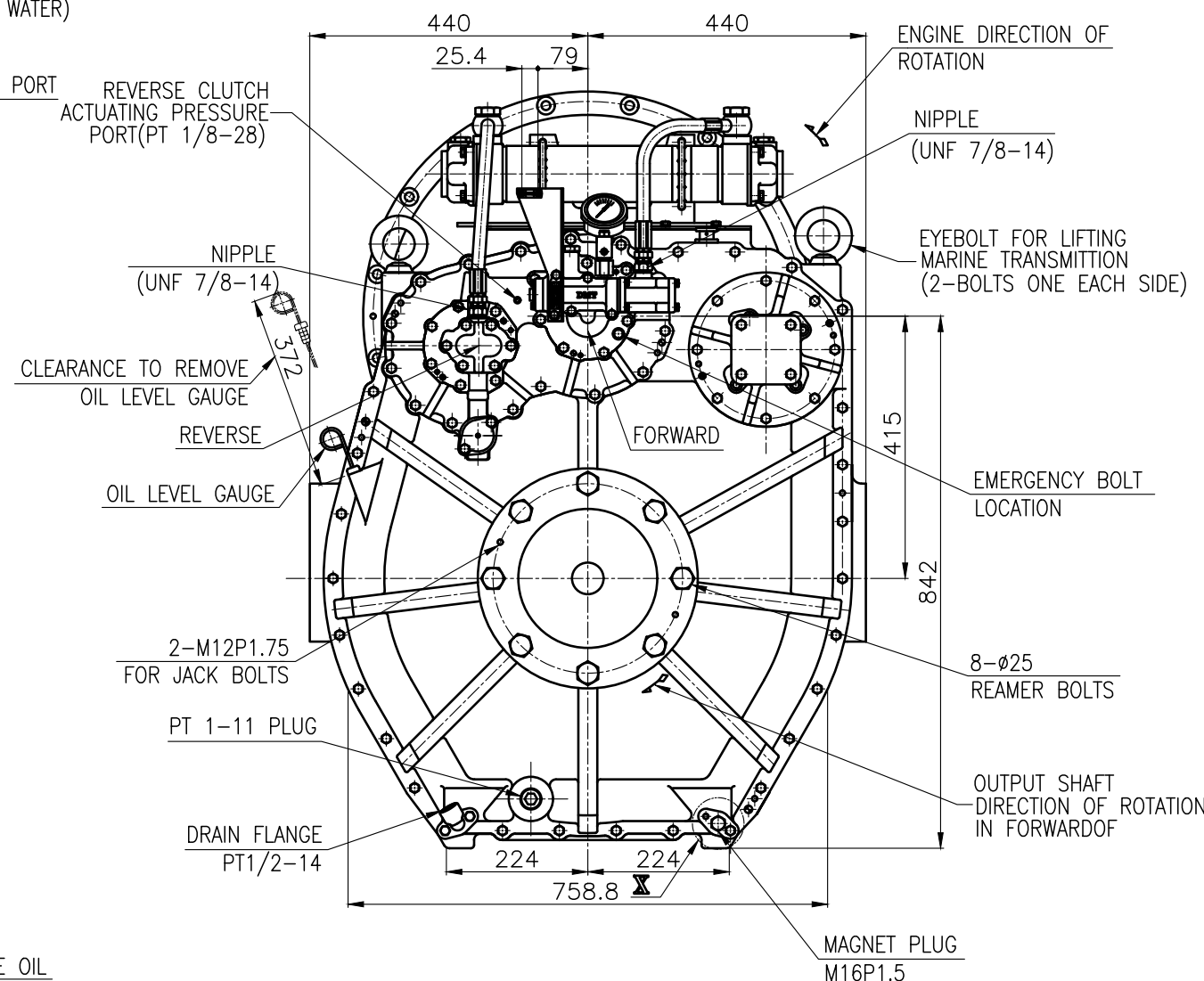
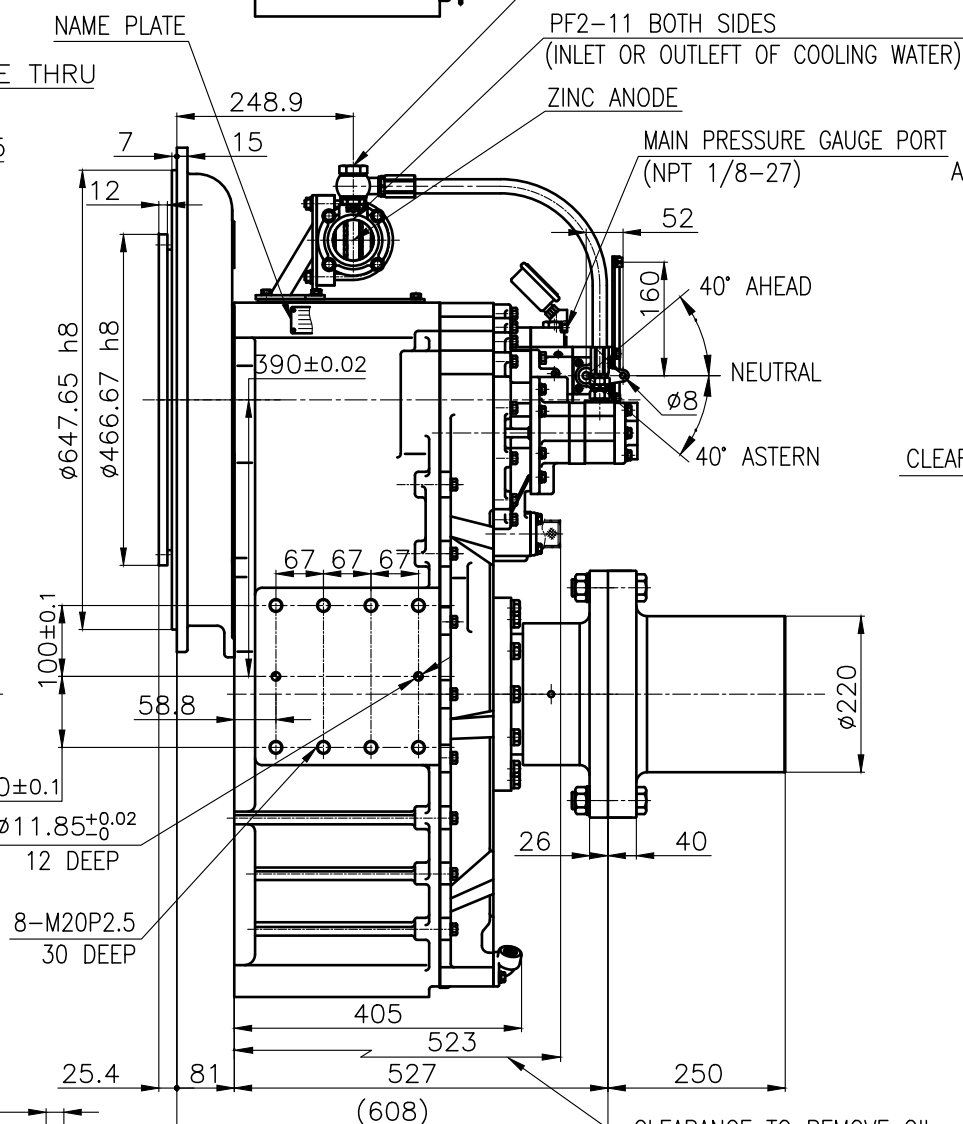
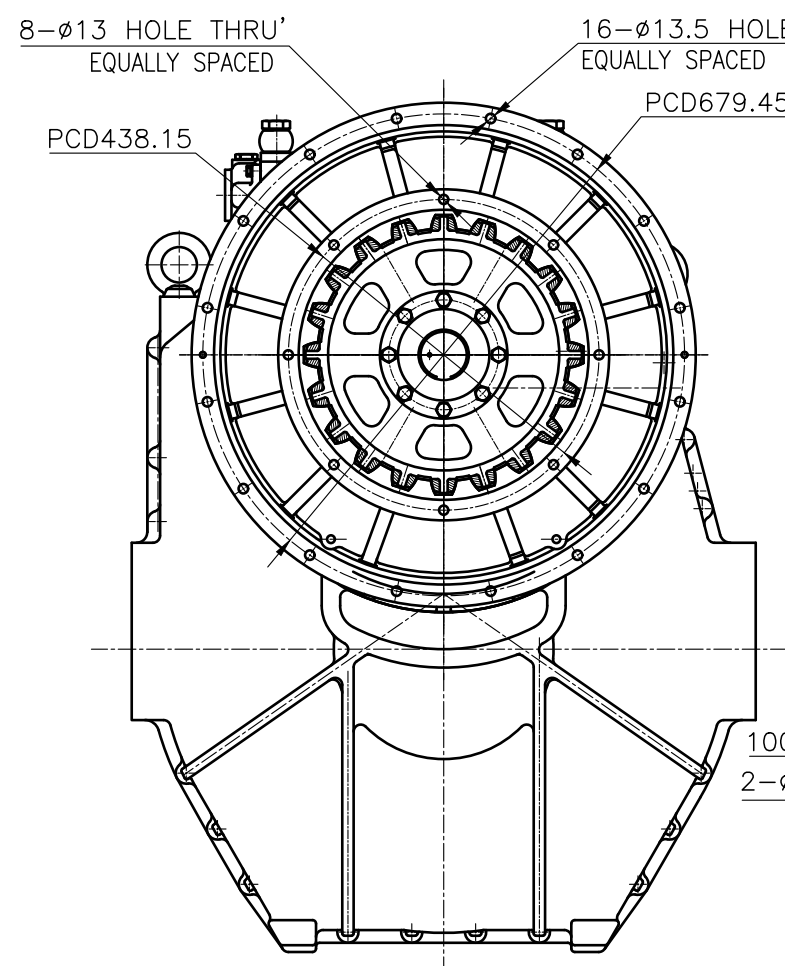


INPUT COUPLING DIMENSION

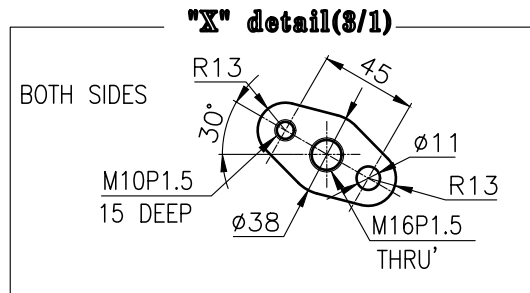


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OIL COOLER	WATER FLOW 40 ~ 60 L/m		
	TEMPERATURE OF COOLING WATER		MAX 32°
OPERATING TORQUE OF SHIFTING LEVER		UNDER 2.94Nm	



BRACKET DIMENSION



BOTH SIDES

"X" detail(8/1)

REMARK
1.HOUSING: SAE#0
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.			
± — ± — ± —																		
차 크기	절삭 가공										형식 TYPE	DMTP6500						
							작성 DATE 2018.06.29		척도 SCALE N/S									
					승인 APPROVED BY		검토 CHECKED BY		제도 DRAWN		설계 DESIGNED		품명 NAME	MARINE TRANSMISSION				
					JK.Kim		TH.Cha		MA.Kim				도번 DWG. NO.	65000GA~E-014RC		개정(REV) 000		
											크기 SIZE	A 3	코드 번호 CODE ID. NO.					